

AMENDMENTS TO THE CLAIMS:

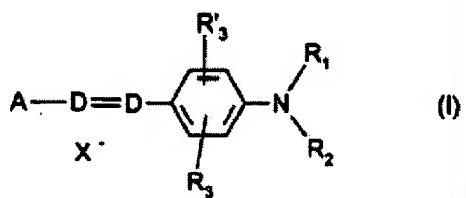
This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A ready-to-use composition for dyeing keratin fibers, comprising:

(i) at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, and

(ii) at least one thickening polymer;

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

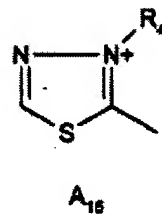
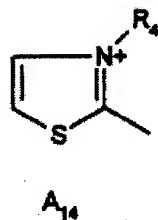
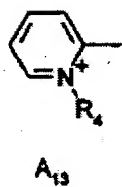
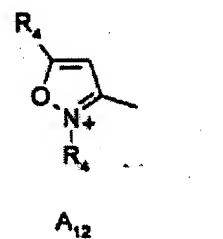
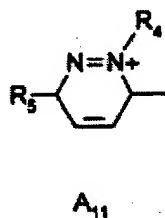
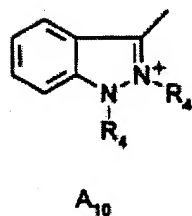
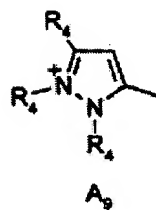
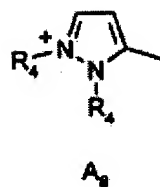
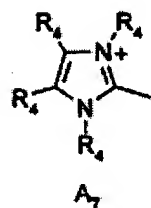
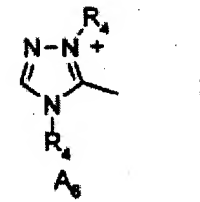
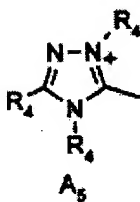
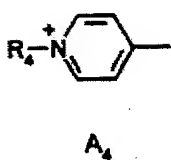
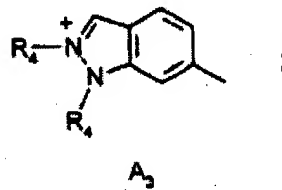
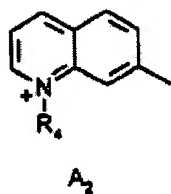
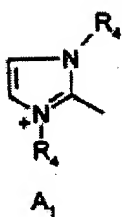
R₁ and R₂ may form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl

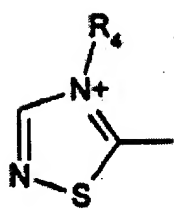
radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and acetyloxy radicals,

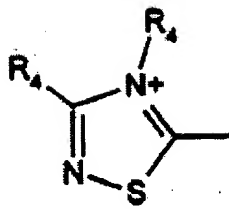
X^- is chosen from anions,

A is chosen from structures A_1 to A_{19} below:

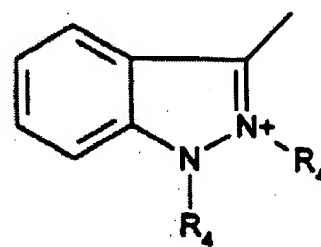




A₁₆

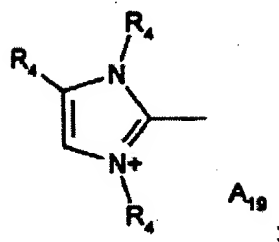


A₁₇



A₁₈

and



A₁₉

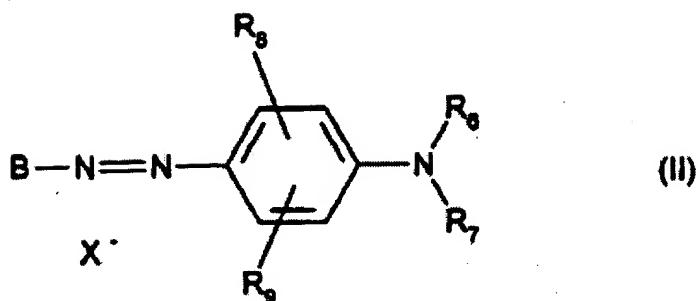
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

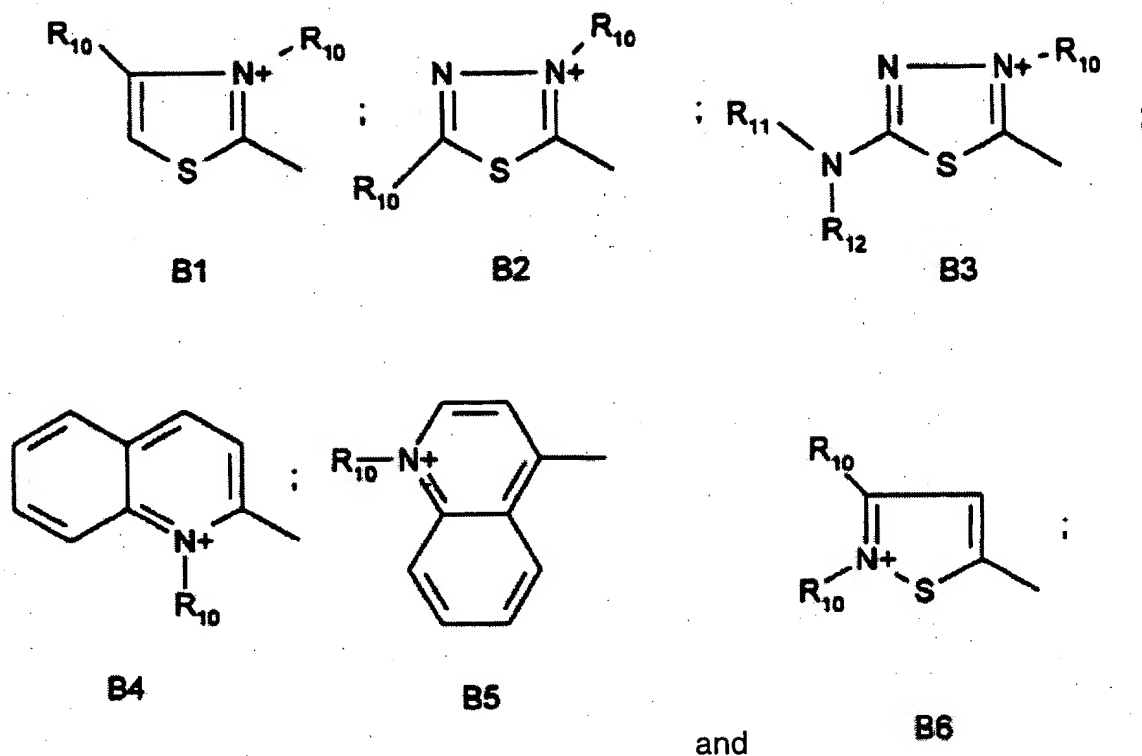
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a $-CN$ radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and a $-CN$ radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

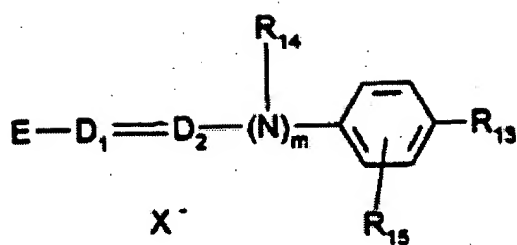


in which:

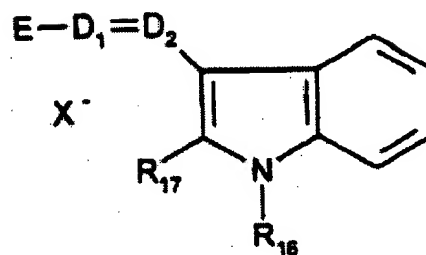
R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



(III)



(III')

in which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C_1 - C_4 alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

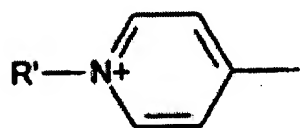
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

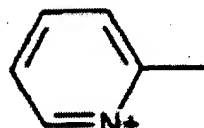
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

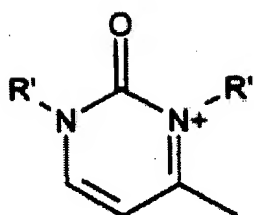
E is chosen from structures E₁ to E₈ below:



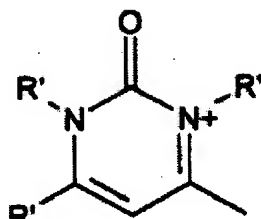
E1



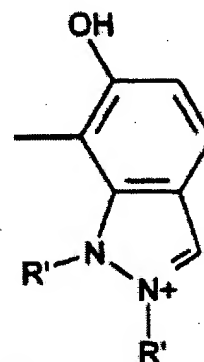
E2



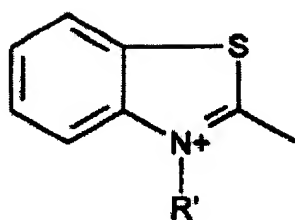
E3



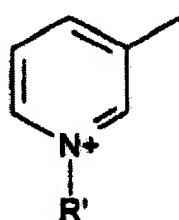
E4



E5

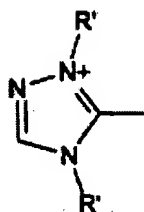


E6



E7

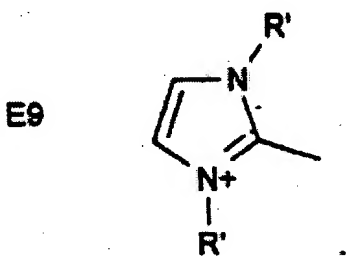
and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

and

(d) wherein said at least one thickening polymer is chosen from:

- (ii)₁ - nonionic guar gums;
- (ii)₂ - biopolysaccharide gums of microbial origin;
- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;

(ii)₅ - alginates;

(ii)₆ - starches; and

(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses,

with the provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms,
- R₃ and R'₃ are simultaneously hydrogen atoms,
- R₁ and R₂ are simultaneously unsubstituted methyl radicals, and
- A is A₆ wherein R₄ is an unsubstituted methyl radical, or

(2) when said at least one cationic direct dye is chosen from compounds of formula (III) wherein:

- D₁ and D₂ are simultaneously nitrogen atoms,
- m is zero,
- R₁₅ is a hydrogen atom,
- R₁₃ is a dimethylamino radical, and
- E is E₈ wherein R' is an unsubstituted methyl group,

then the at least one thickening polymer is not chosen from at least one nonionic guar gum; and

with the further provisos that

(1) when said at least one cationic direct dye is chosen from compounds of

formula (I) wherein:

- both D's are simultaneously nitrogen atoms, and
- A is chosen from A₄ and A₁₃, or

(2) when said at least one cationic direct dye is chosen from compounds of

formula (III) wherein:

- D₁ and D₂ are simultaneously nitrogen atoms,
- m is zero, and
- E is chosen from E₁, E₂, and E₇,

then said at least one thickening polymer is not chosen from hydroxyalkylcelluloses and carboxyalkylcelluloses.

2. (Original) The composition according to Claim 1, wherein said keratin fibers are human keratin fibers.
3. (Original) The composition according to Claim 2, wherein said human keratin fibers are hair.
- 4 (Original) The composition according to Claim 1, wherein in formulae (I), (II), (III) and (III'), the C₁-C₄ alkyl radicals and the C₁-C₄ alkoxy radicals are chosen from methyl, ethyl, butyl, methoxy and ethoxy radicals.
5. (Original) The composition according to Claim 1, wherein said anions are chosen from chloride, methyl sulfate and acetate.
6. (Original) The composition according to Claim 1, wherein said halogen

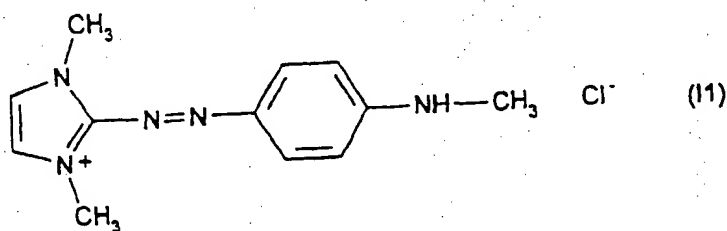
atoms of R_3 , R'_3 , R_8 , R_9 , R_{13} , and R_{15} are chosen from bromine, chlorine, iodine, and fluorine.

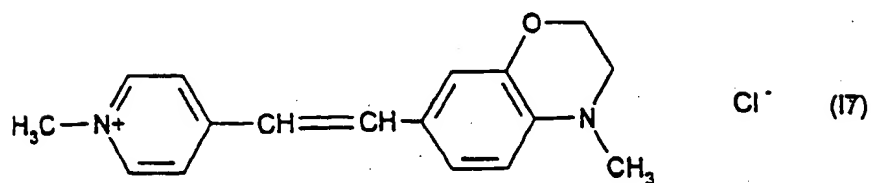
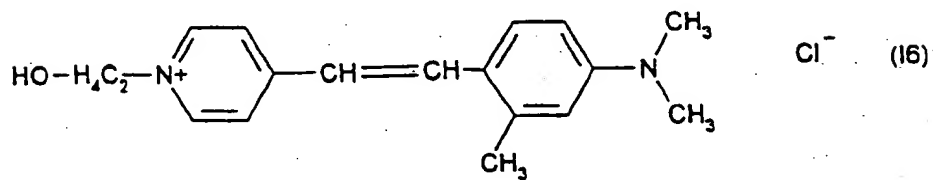
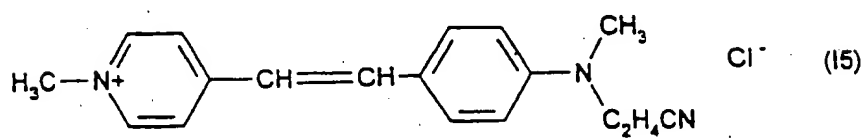
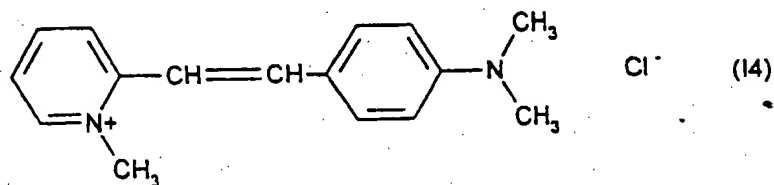
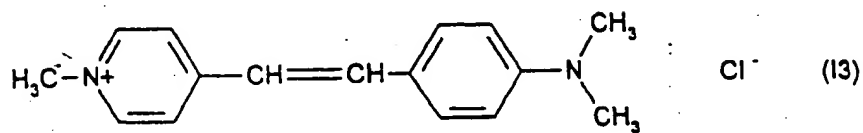
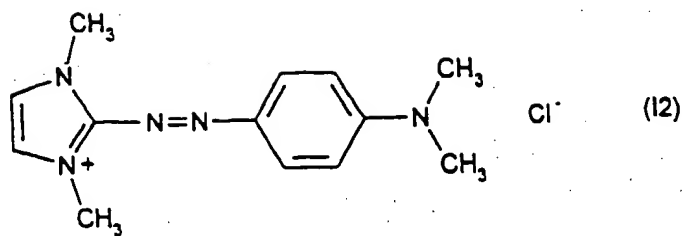
7. (Canceled)

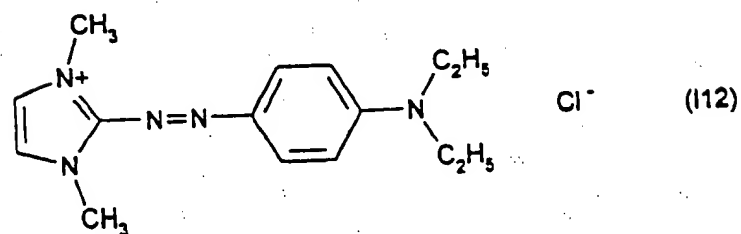
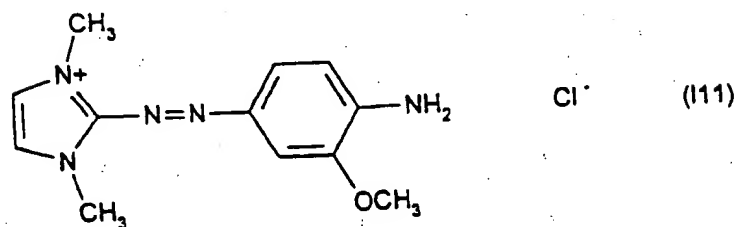
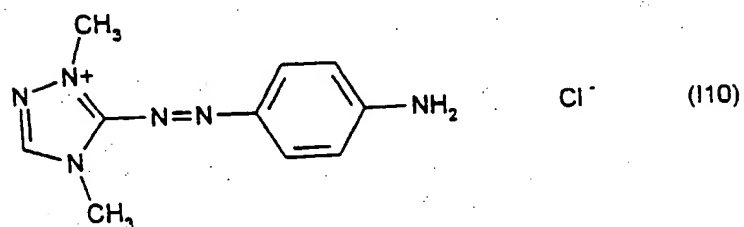
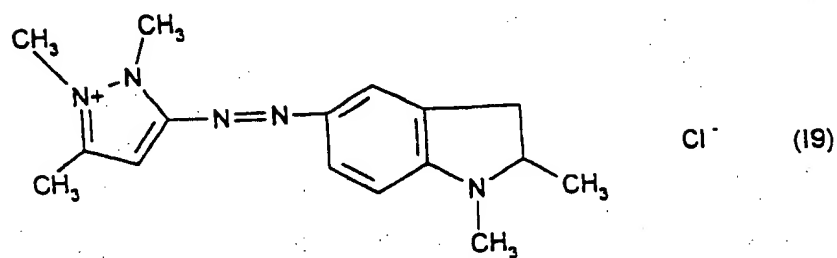
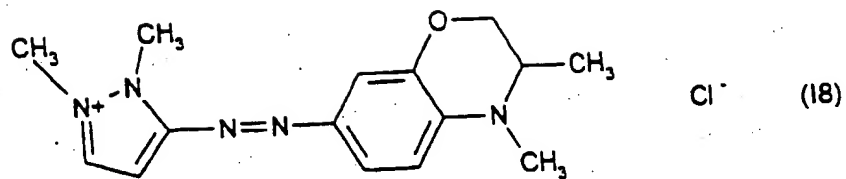
8. (Currently Amended) The composition according to Claim 1 ~~Claim 7~~, wherein said biopolysaccharide gums of microbial origin are chosen from scleroglucan gum and xanthan gum.

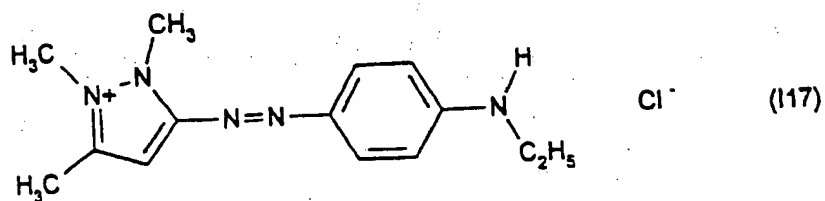
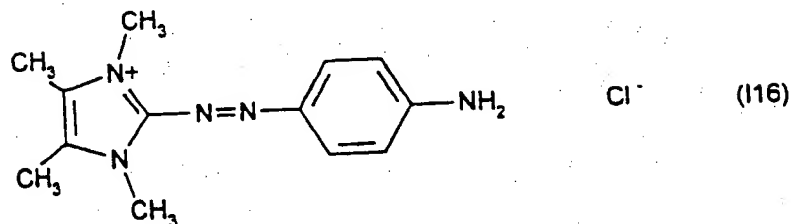
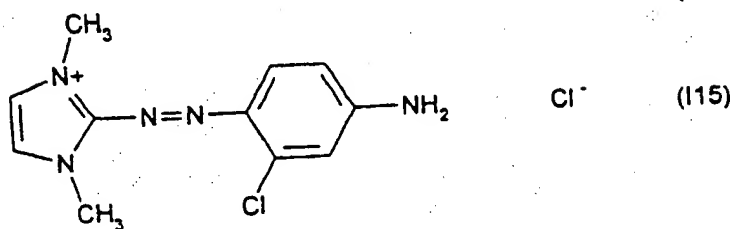
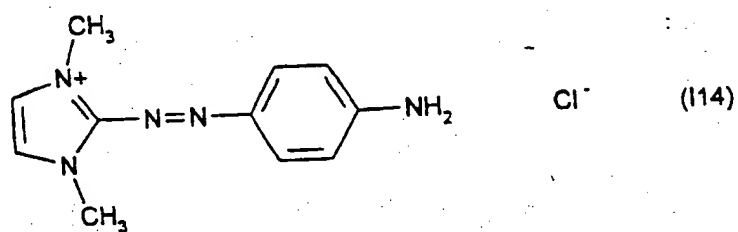
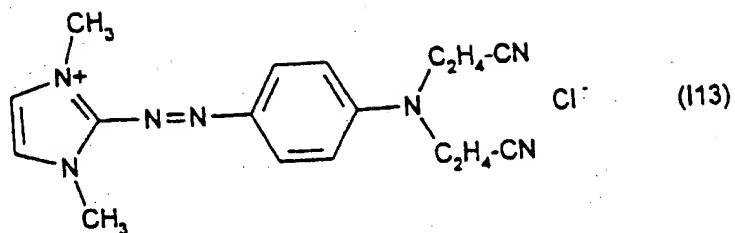
9. (Currently Amended) The composition according to Claim 1 ~~Claim 7~~, wherein said gums derived from exudates are chosen from gum arabic, ghatti gum, karaya gum, gum tragacanth, carrageenan gum, agar gum and carob gum.

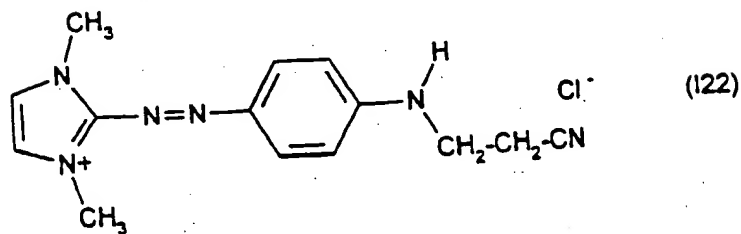
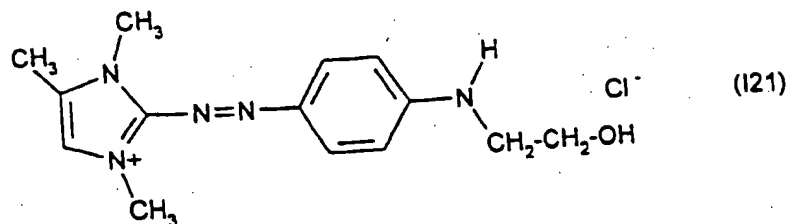
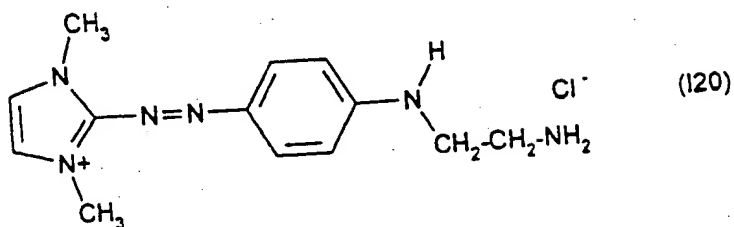
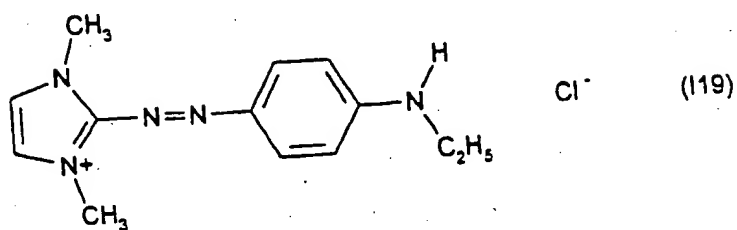
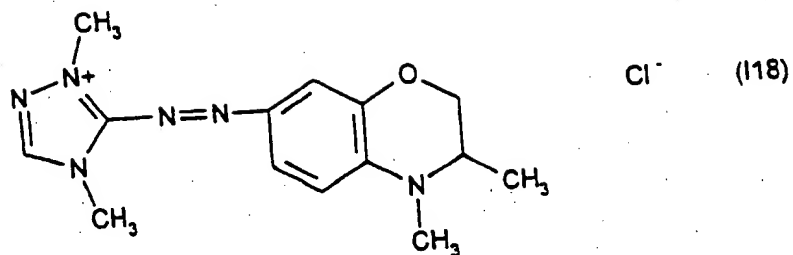
10. (Original) The composition according to Claim 1, wherein said at least one cationic direct dye of formula (I) is chosen from compounds of formulae (I 1) to (I 54) below:

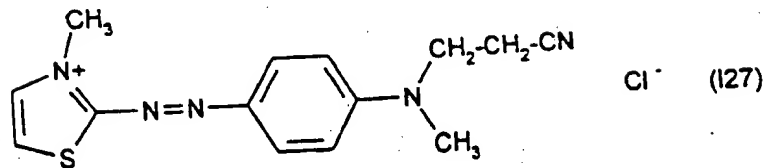
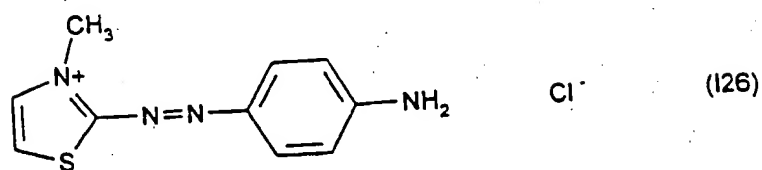
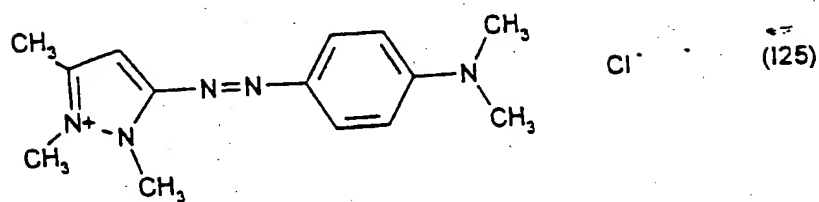
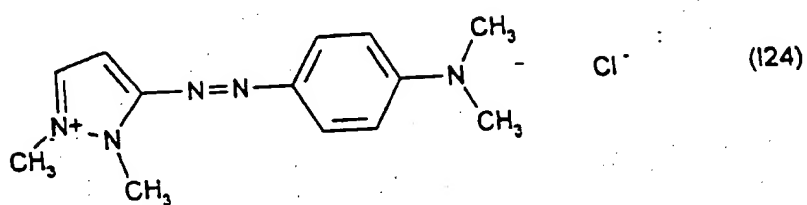
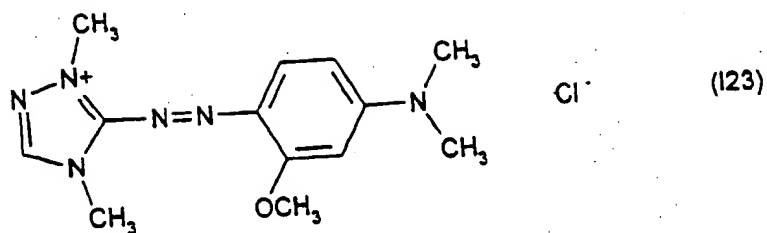


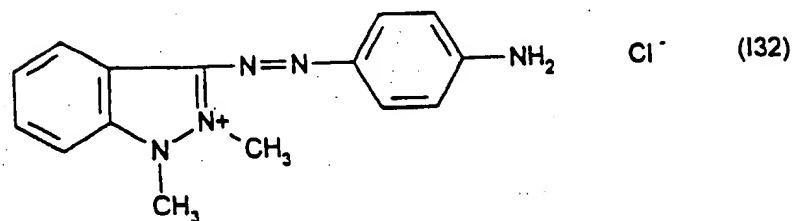
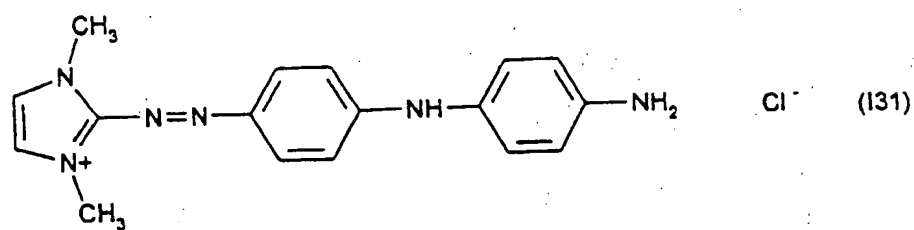
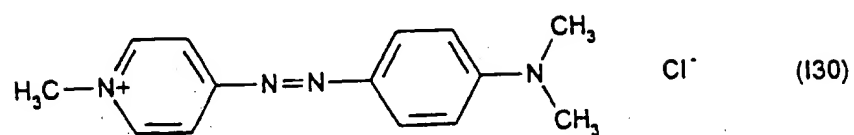
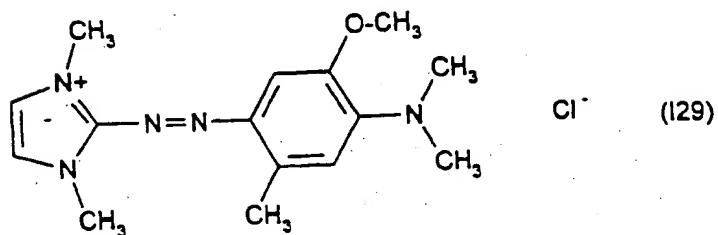
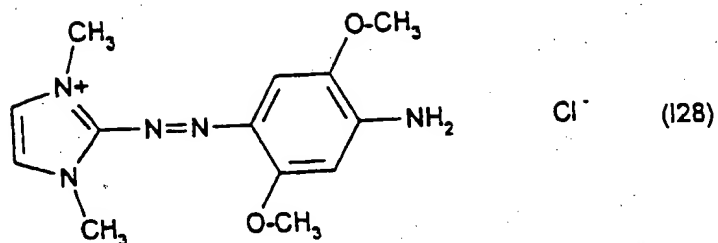


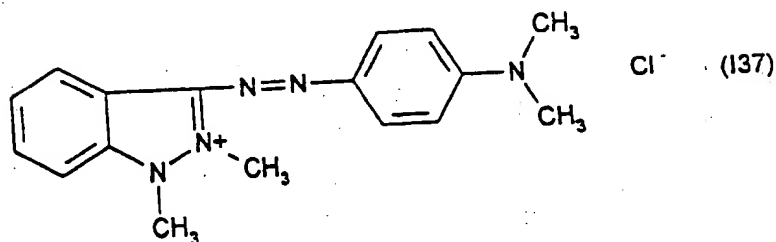
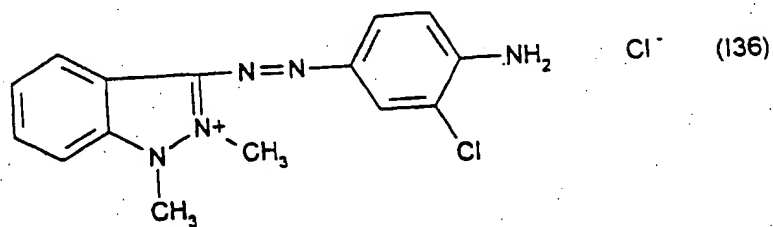
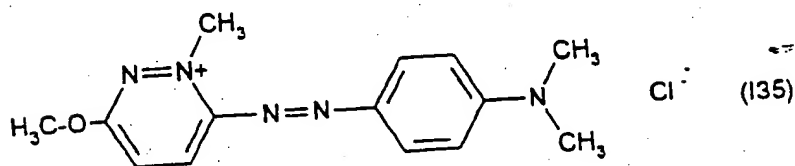
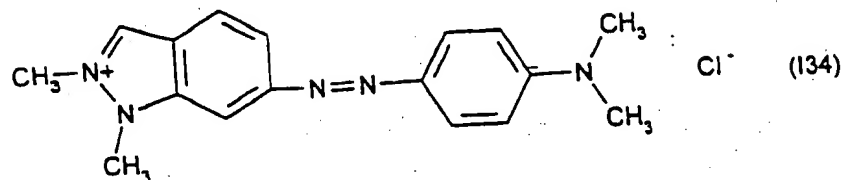
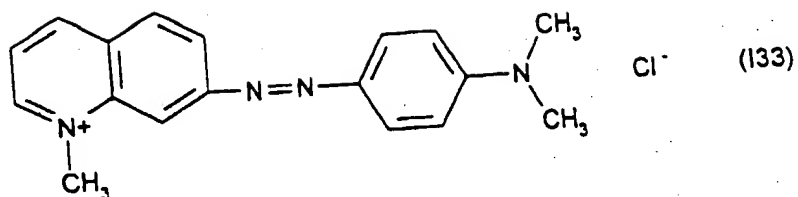


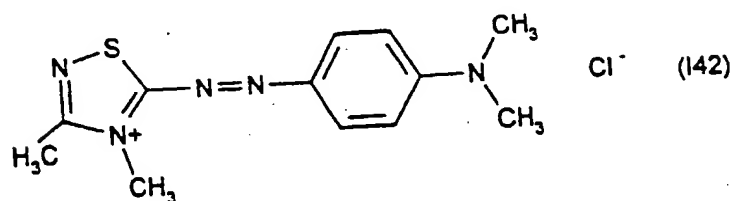
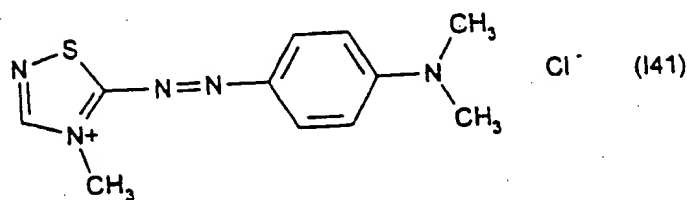
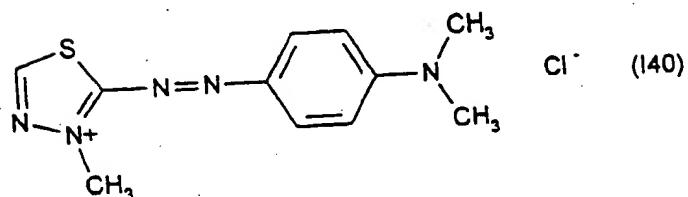
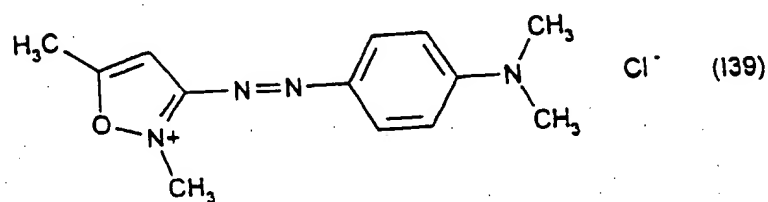
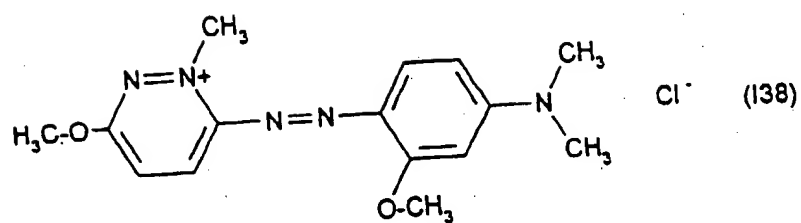


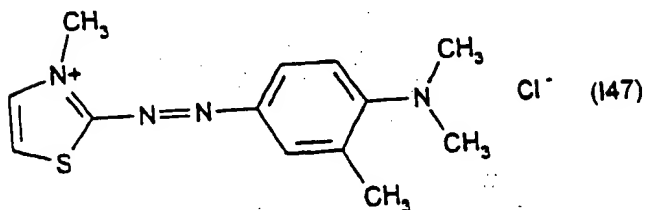
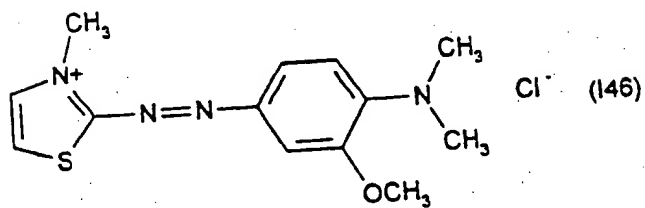
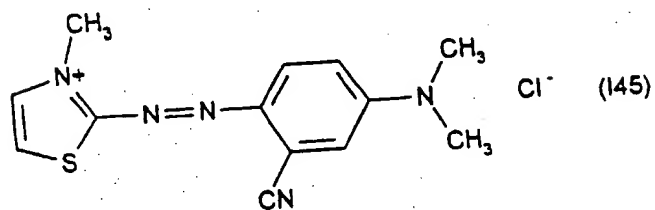
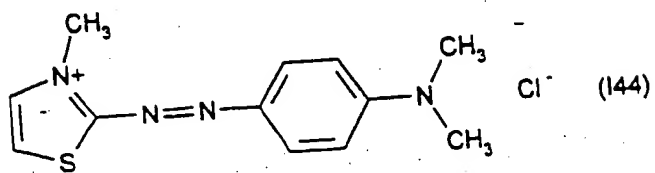
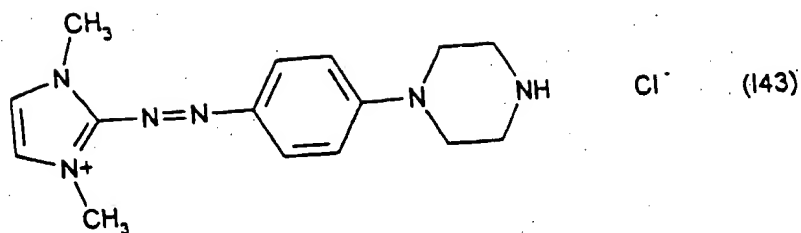


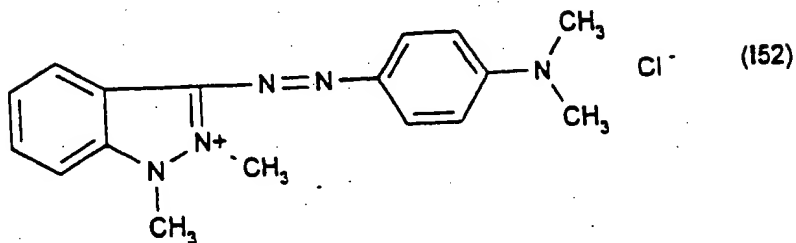
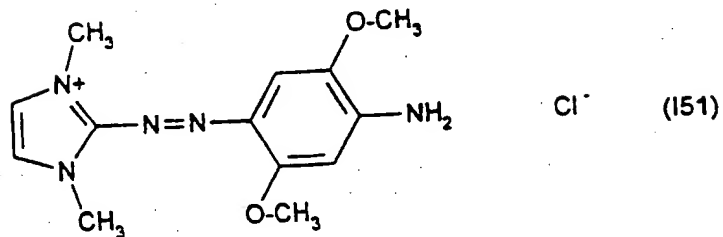
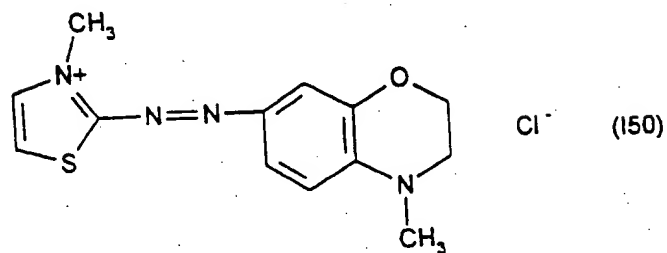
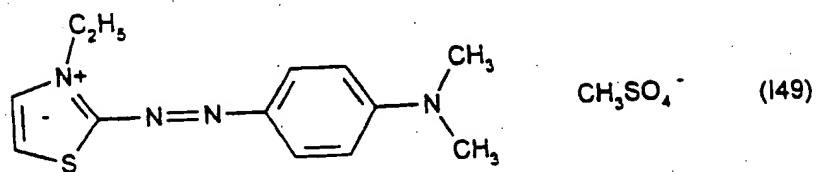
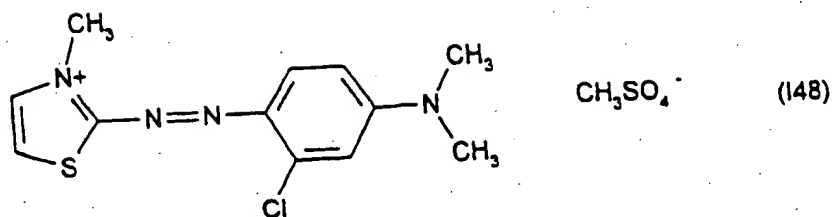


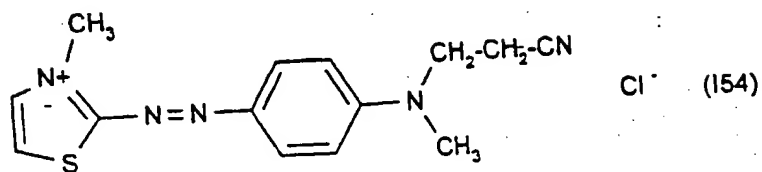
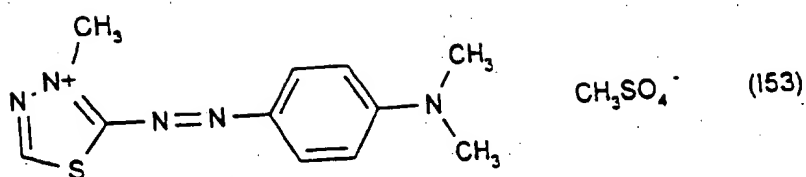






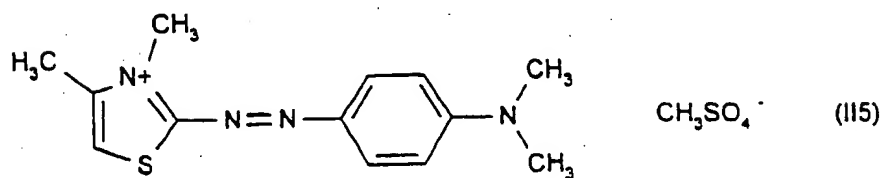
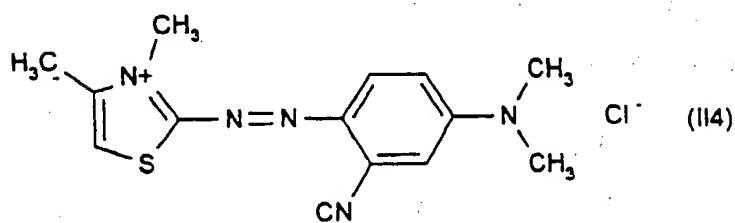
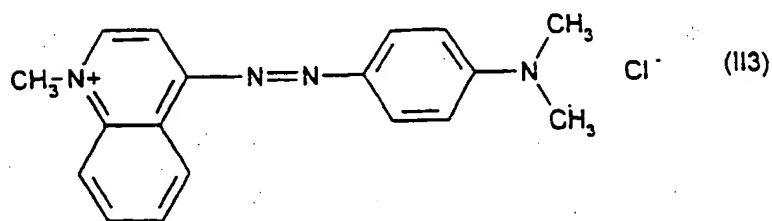
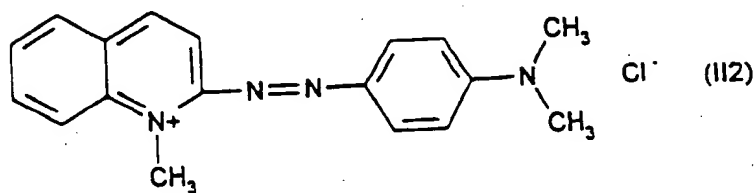
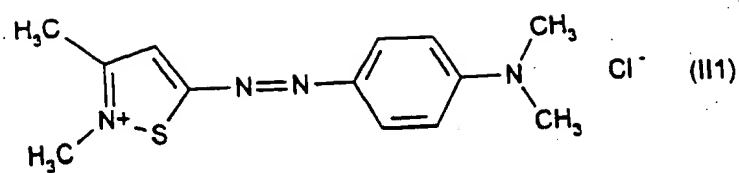


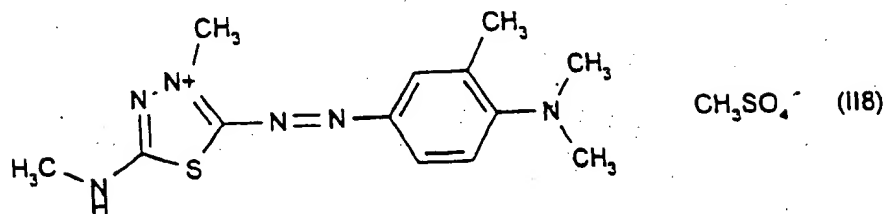
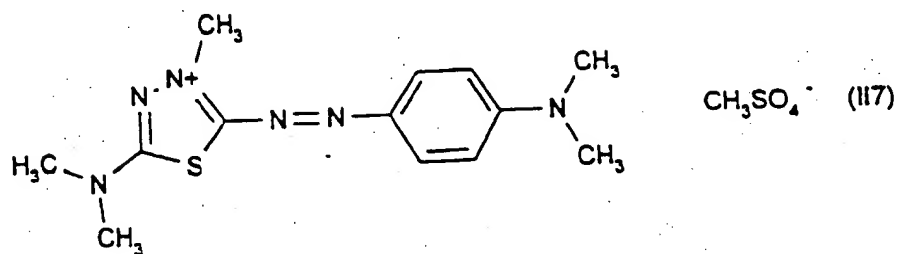
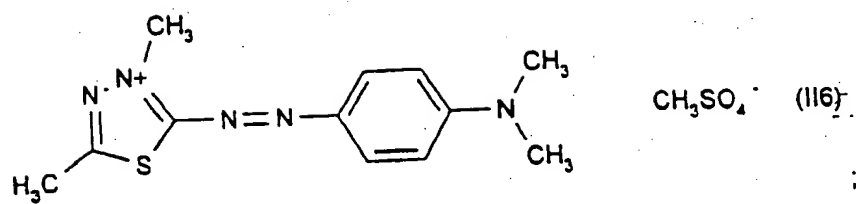




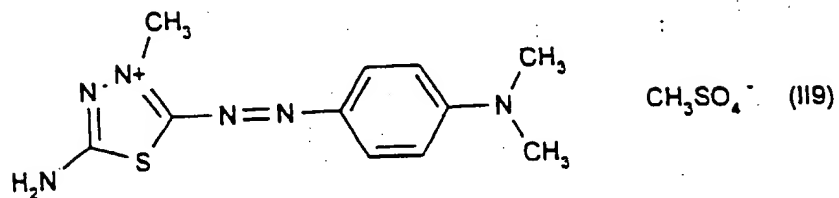
11. (Original) The composition according to Claim 10, wherein said at least one cationic direct dye is chosen from said compounds of formulae (I1), (I2), (I14) and (I31).

12. (Original) The composition according to Claim 1, wherein said at least one cationic direct dye of formula (II) is chosen from compounds of formulae (II1) to (II9) below:

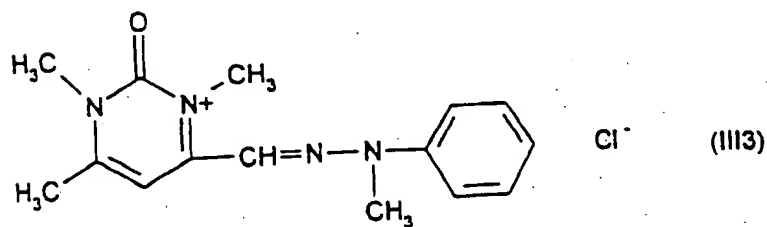
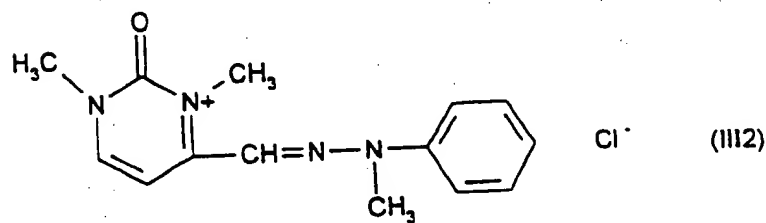
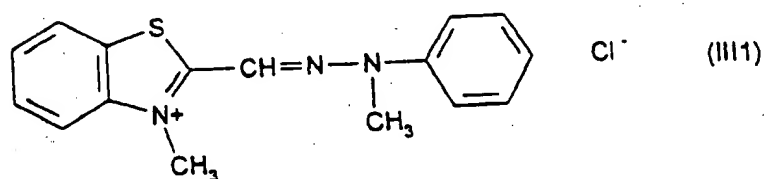


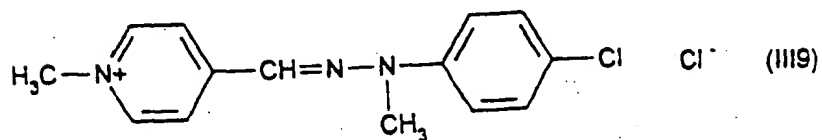
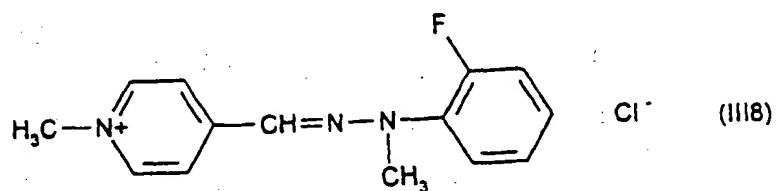
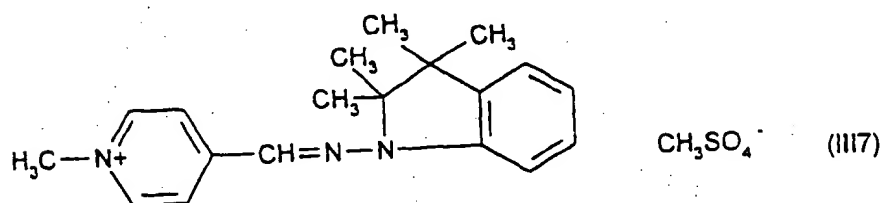
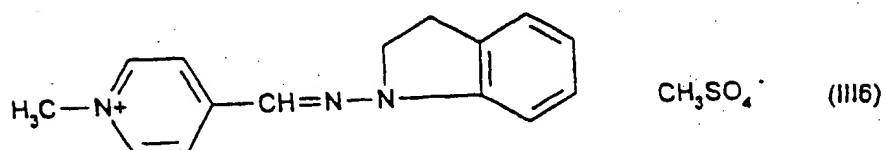
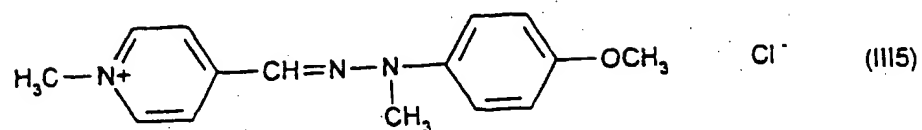
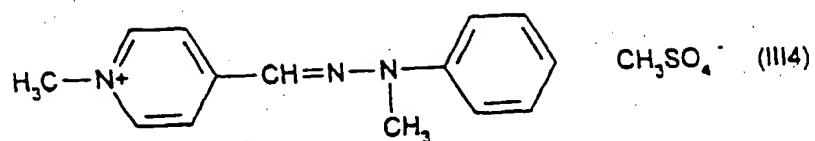


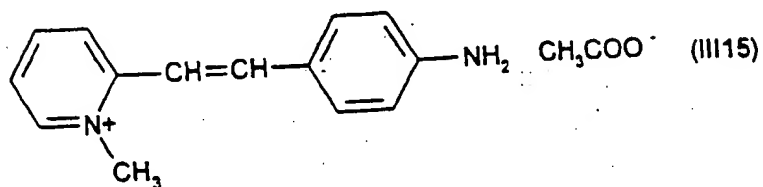
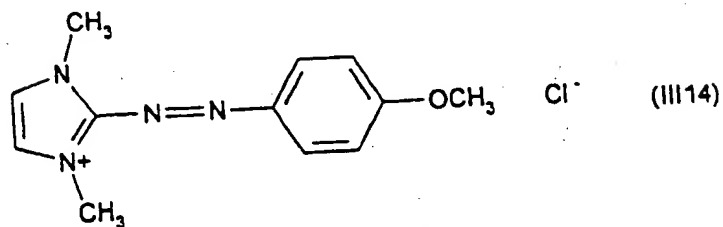
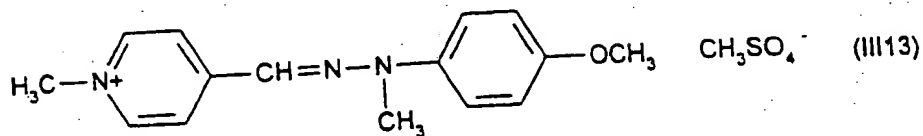
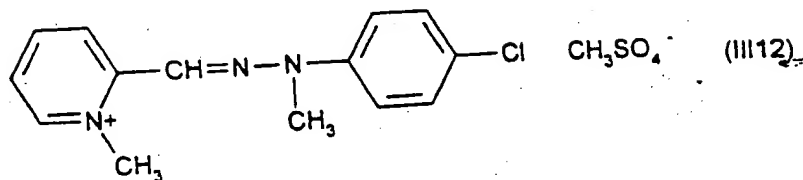
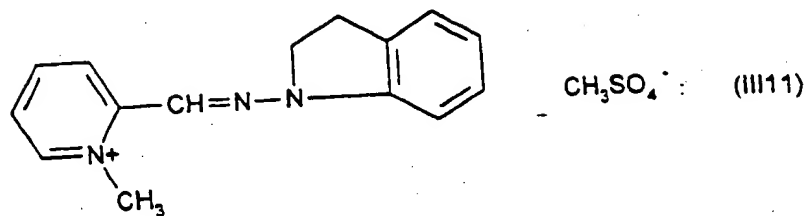
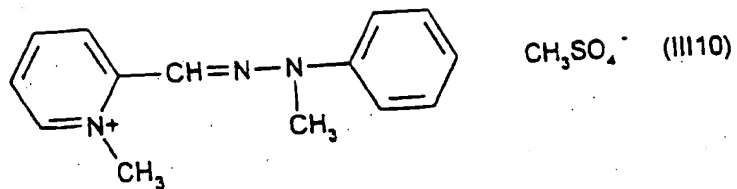
and

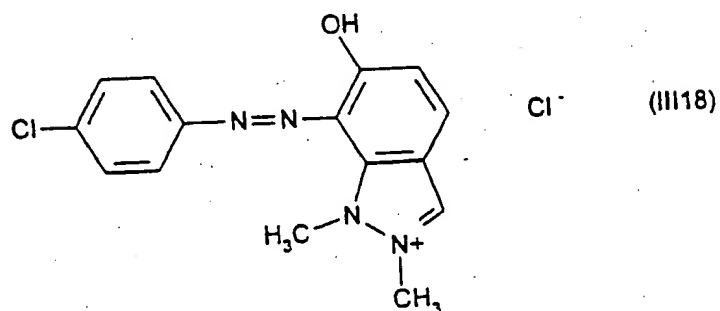
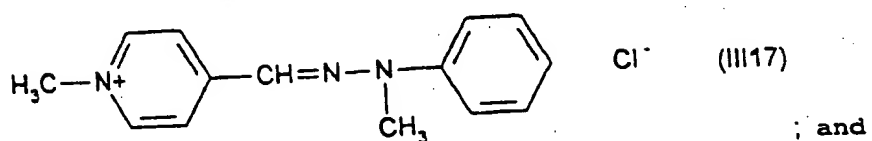
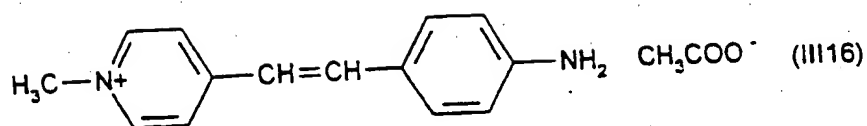


13. (Original) The composition according to Claim 1, wherein said at least one cationic direct dye of formula (III) is chosen from compounds of formulae (III1) to (III18) below:





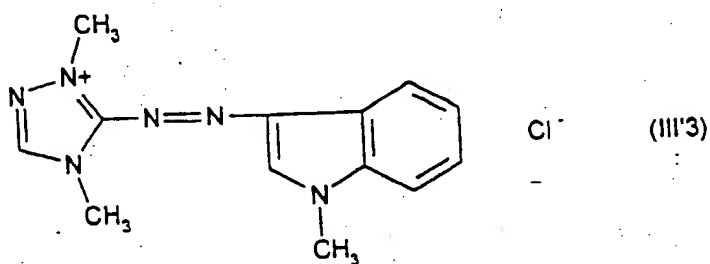
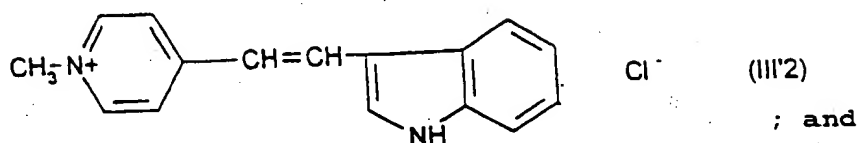
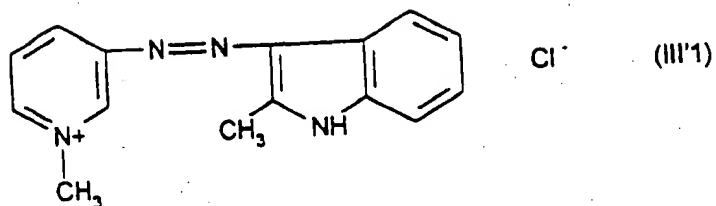




14. (Original) The composition according to Claim 13, wherein said at least one cationic direct dye of formula (III) is chosen from compounds of formulae (III4), (III5) and (III13).

15. (Original) The composition according to Claim 1, wherein said at least

one cationic direct dye of formula (III') is chosen from compounds of formulae (III'1) to (III'3) below:



16. (Original) The composition according to Claim 1, wherein said at least one cationic direct dye of formula (I), (II), (III) or (III') is present in an amount ranging from 0.001 to 10% by weight relative to the total weight of the composition.

17. (Original) The composition according to Claim 16, wherein said at least one cationic direct dye of formula (I), (II), (III) or (III') is present in an amount ranging from 0.005 to 5% by weight relative to the total weight of the composition.

18. (Currently Amended) The composition according to Claim 1 ~~Claim 7~~, wherein said at least one thickening polymer is chosen from hydroxyalkylcelluloses.

19. (Original) The composition according to Claim 18, wherein said hydroxyalkylcelluloses are chosen from hydroxyethylcelluloses and hydroxypropylcelluloses.

20. (Currently Amended) The composition according to Claim 1 ~~Claim 7~~, wherein said at least one thickening polymer is chosen from carboxyalkylcelluloses.

21. (Original) The composition according to Claim 20, wherein said carboxyalkylcelluloses are carboxymethylcelluloses.

22. (Original) The composition according to Claim 1, wherein said at least one thickening polymer is a nonionic guar gum modified with C₁-C₆ hydroxyalkyl groups.

23. (Original) The composition according to Claim 22, wherein said hydroxyalkyl groups are chosen from hydroxymethyl, hydroxyethyl, hydroxypropyl and

hydroxybutyl groups.

24. (Original) The composition according to Claim 22, wherein said nonionic guar gum has a degree of hydroxyalkylation ranging from 0.4 to 1.2.

25. (Original) The composition according to Claim 1, wherein said at least one thickening polymer is present in an amount ranging from 0.01 to 10% by weight relative to the total weight of the composition.

26. (Original) The composition according to Claim 25, wherein said at least one thickening polymer is present in an amount ranging from 0.1 to 5% by weight relative to the total weight of the composition.

27. (Original) The composition according to Claim 1, wherein said composition further comprises a support chosen from water and a mixture of water and at least one organic solvent.

28. (Original) The composition according to Claim 1, wherein said composition has a pH ranging from 2 to 11.

29. (Original) The composition according to Claim 28, wherein said composition has a pH ranging from 5 to 10.

30. (Previously Presented) The composition according to Claim 1, wherein said composition further comprises at least one additional direct dye, different from said at least one cationic direct dye (i) as defined in claim 1.

31. (Original) The composition according to Claim 30, wherein said at least one additional direct dye is chosen from nitrobenzene dyes, anthraquinone dyes,

napthaquinone dyes, triarylmethane dyes, xanthene dyes and azo dyes.

32. (Original) The composition according to Claim 1, wherein said composition further comprises at least one oxidation base chosen from para-phenylenediamines, bis(phenyl)alkylenediamines, para-aminophenols, ortho-aminophenols and heterocyclic bases.

33. (Original) The composition according to Claim 32, wherein said at least one oxidation base is present in an amount ranging from 0.0005 to 12% by weight relative to the total weight of the dye composition.

34. (Original) The composition according to Claim 33, wherein said at least one oxidation base is present in an amount ranging from 0.005 to 6% by weight relative to the total weight of the dye composition.

35. (Original) The composition according to Claim 32, wherein said composition further comprises at least one coupler chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols and heterocyclic couplers.

36. (Original) The composition according to Claim 35, wherein said at least one coupler is present in an amount ranging from 0.0001 to 10% by weight relative to the total weight of the dye composition.

37. (Original) The composition according to Claim 36, wherein said at least one coupler is present in an amount ranging from 0.005 to 5% by weight relative to the total weight of the dye composition.

38. (Original) The composition according to Claim 32, wherein said

composition further comprises at least one oxidizing agent.

39. (Original) The composition according to Claim 38, wherein said at least one oxidizing agent is chosen from hydrogen peroxide, urea peroxide, alkali metal bromates, persalts and enzymes.

40. (Original) The composition according to Claim 39, wherein said persalts are chosen from perborates and persulphates.

41. (Previously Presented) The composition according to Claim 39, wherein said enzymes are chosen from peroxidases, lactases, and two-electron oxidoreductases.

42. (Previously Presented) The composition according to Claim 1, wherein said at least one cationic direct dye and said at least one thickening polymer are present in said composition in an amount sufficient for lightening direct dyeing.

43. (Original) The composition according to Claim 1, wherein said composition further comprises at least one oxidizing agent.

44. (Original) The composition according to Claim 1, wherein said composition is in a form chosen from a liquid, a shampoo, a cream and a gel.

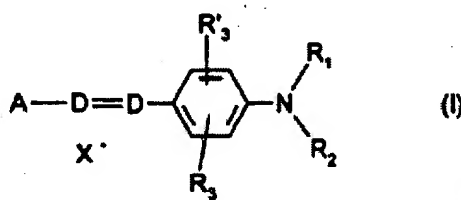
45. (Previously Presented) A process for dyeing keratin fibers, comprising applying at least one dye composition to said keratin fibers and developing for a period of time sufficient to achieve a desired coloration, wherein said at least one dye composition comprises:

(i) at least one cationic direct dye chosen from compounds of formulae (I), (II),

(III) and (III') below, and

(ii) at least one thickening polymer;

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

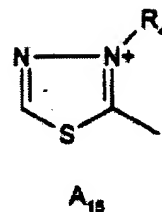
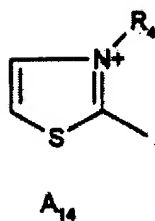
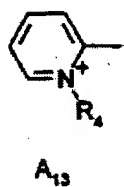
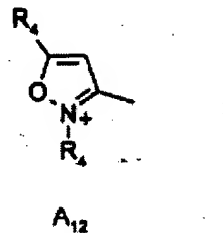
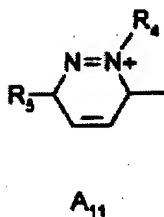
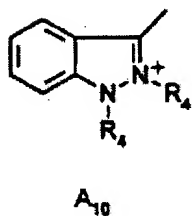
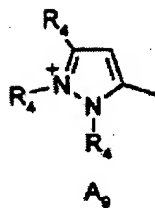
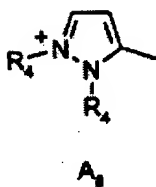
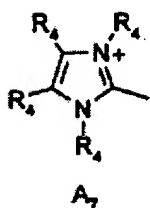
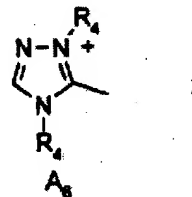
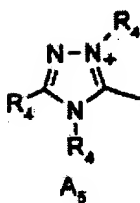
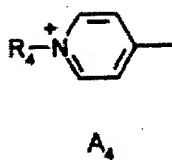
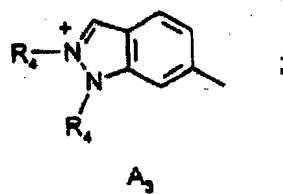
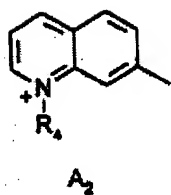
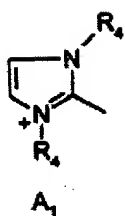
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

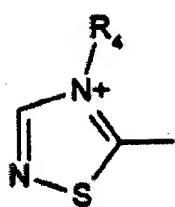
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acetyloxy radicals,

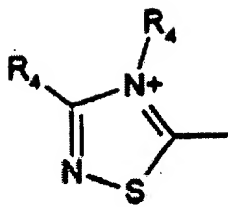
X[•] is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:

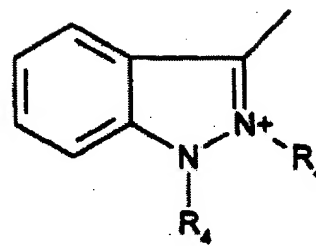




A₁₆

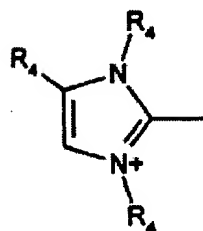


A₁₇



A₁₈

and



A₁₉

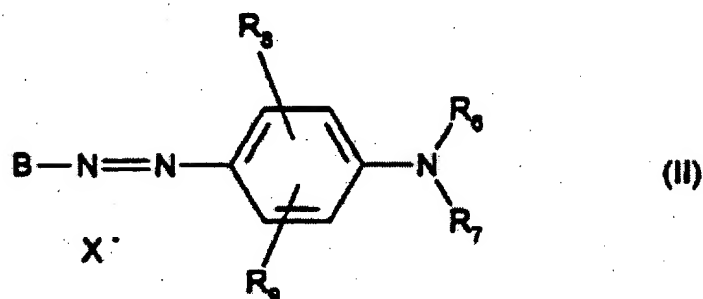
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

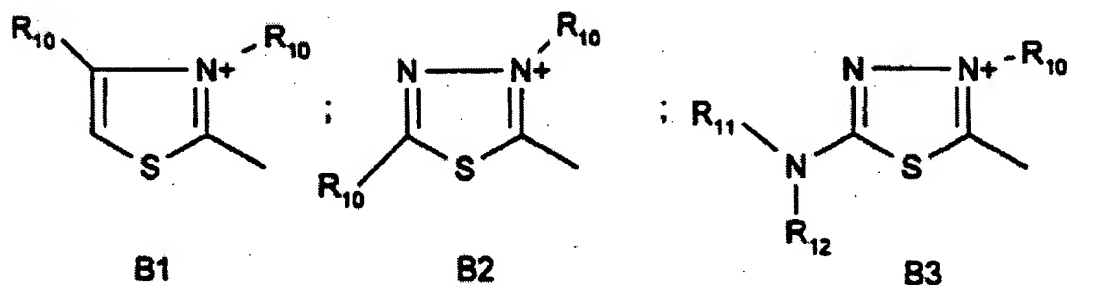
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

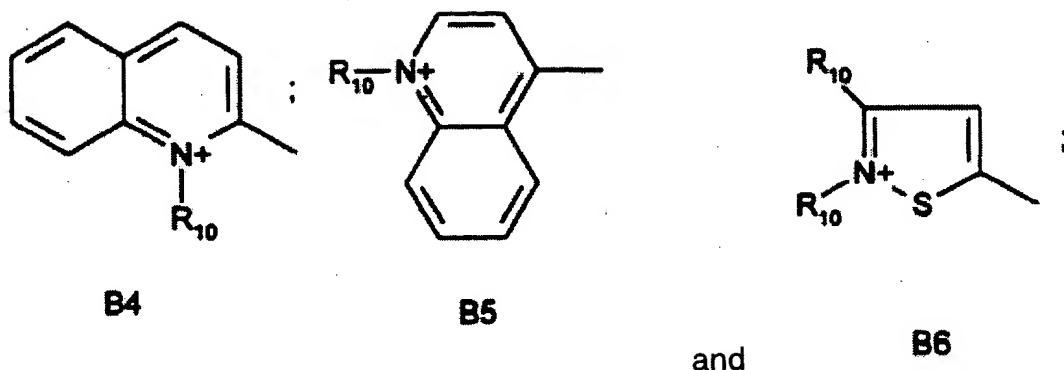
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and a -CN radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:



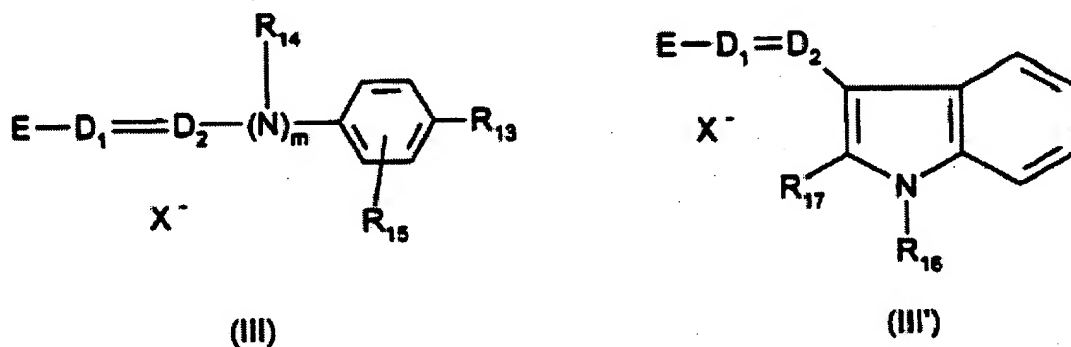


in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one to radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

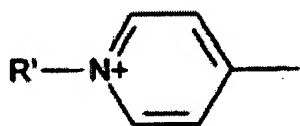
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

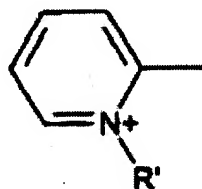
X' is chosen from anions,

E is chosen from structures E₁ to E₈ below:



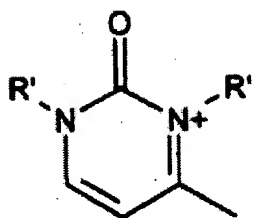
E1

;

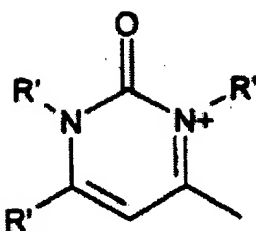


E2

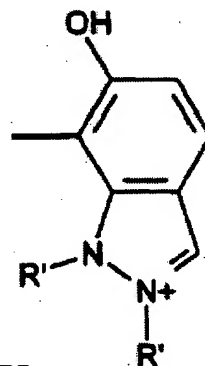
;



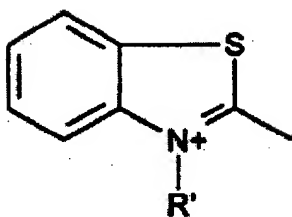
E3



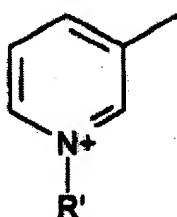
E4



E5

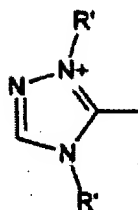


E6



E7

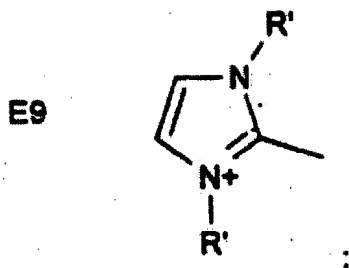
and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



in which R' is chosen from C₁-C₄ alkyl radicals;

and

(d) wherein said at least one thickening polymer is chosen from:

- (ii)₁ - nonionic guar gums;
- (ii)₂ - biopolysaccharide gums of microbial origin;
- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses,

with the provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms,
- R₃ and R'₃ are simultaneously hydrogen atoms,
- R₁ and R₂ are simultaneously unsubstituted methyl radicals, and
- A is A₆ wherein R₄ is an unsubstituted methyl radical, or

(2) when said at least one cationic direct dye is chosen from compounds of

formula (III) wherein:

- D₁ and D₂ are simultaneously nitrogen atoms,
- m is zero,
- R₁₅ is a hydrogen atom,
- R₁₃ is a dimethylamino radical, and
- E is E₈ wherein R' is an unsubstituted methyl group,

then the at least one thickening polymer is not chosen from at least one nonionic guar gum; and

with the further provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms, and
- A is chosen from A₄ and A₁₃, or

(2) when said at least one cationic direct dye is chosen from compounds of formula (III) wherein:

- D₁ and D₂ are simultaneously nitrogen atoms,
- m is zero, and
- E is chosen from E₁, E₂, and E₇,

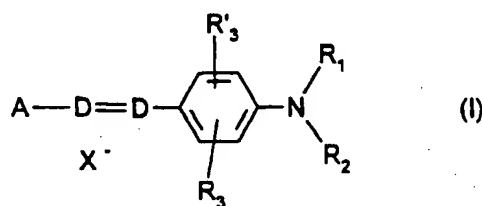
then said at least one thickening polymer is not chosen from hydroxyalkylcelluloses and carboxyalkylcelluloses.

46. (Original) The process according to Claim 45, wherein said process further comprises rinsing said fibers, then drying said fibers.

47. (Original) The process according to Claim 45, wherein said process further comprises rinsing said fibers, washing said fibers with shampoo, a second rinsing of said fibers and drying of said fibers.

48. (Previously Presented) A process for dyeing keratin fibers, comprising separately storing a first composition,
separately storing a second composition,
thereafter mixing said first and second compositions,
applying said mixture to said fibers, and
developing for a period of time sufficient to achieve a desired coloration,
- wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, at least one thickening polymer and at least one oxidation base,

(a) wherein said compounds of formula (I) are chosen from compounds of



formula:

in which:

D is chosen from a nitrogen atom and a -CH group,
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom;
a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted

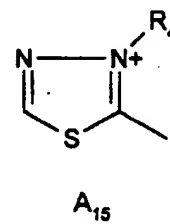
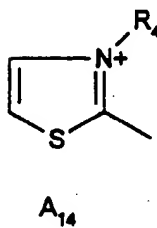
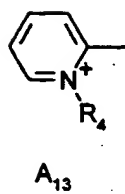
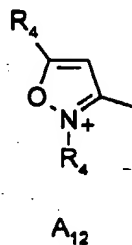
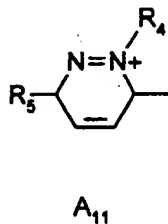
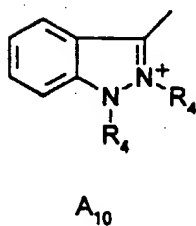
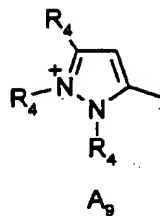
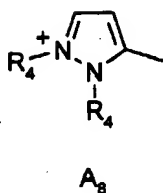
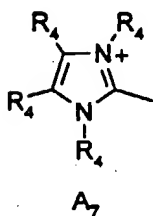
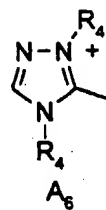
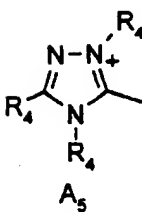
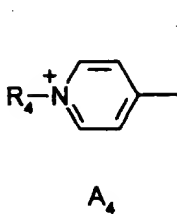
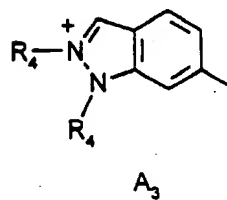
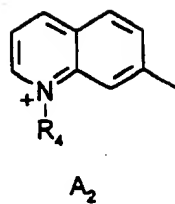
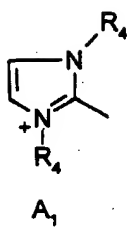
with a radical chosen from -CN, -OH and -NH₂ radicals; or

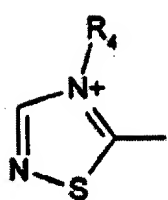
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acetyloxy radicals,

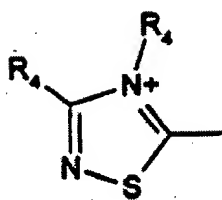
X⁻ is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:

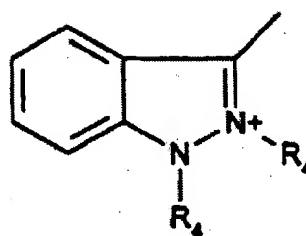




A₁₆

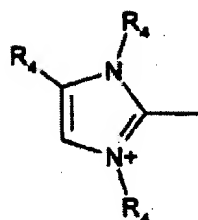


A₁₇



A₁₈

and



A₁₉

in which:

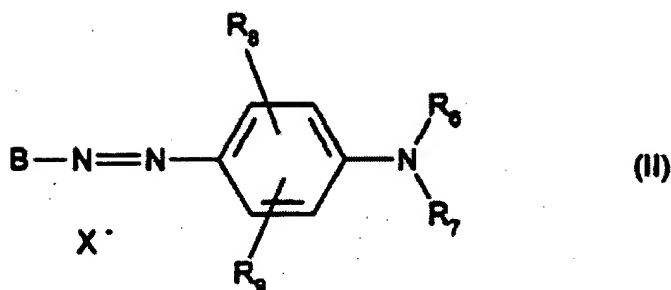
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

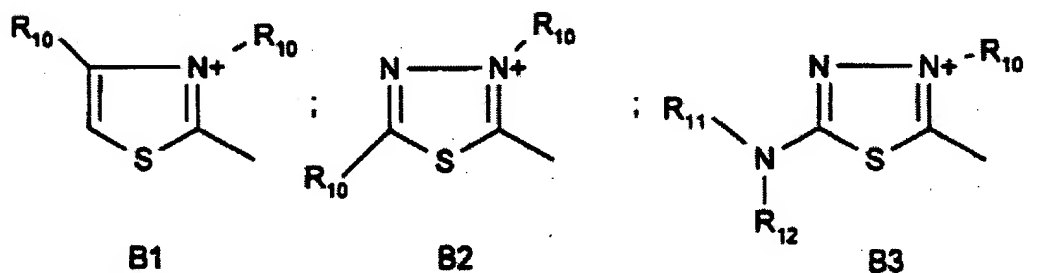
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

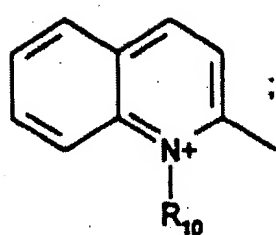
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

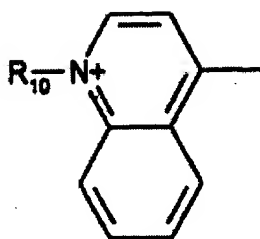
X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

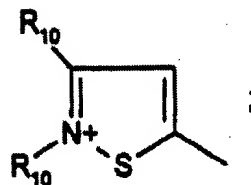




B4



B5



B6

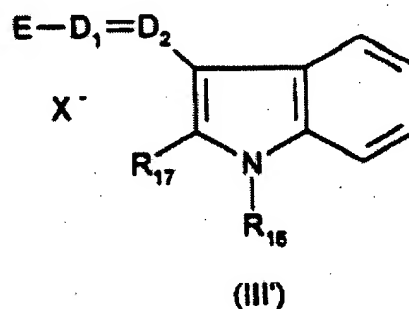
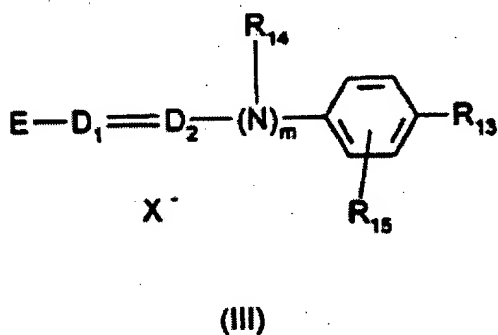
and

in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

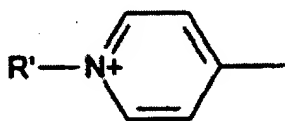
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

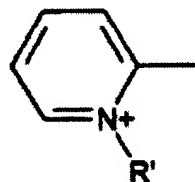
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

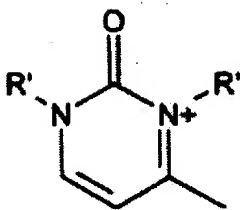
E is chosen from structures E₁ to E₈ below:



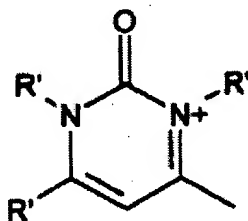
E1



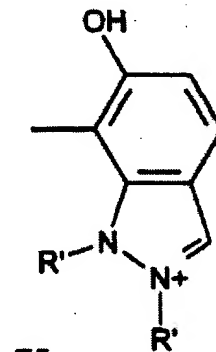
E2



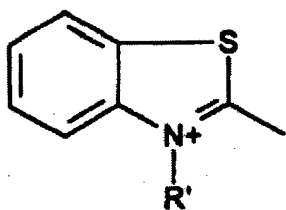
E3



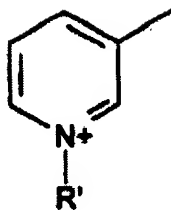
E4



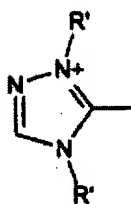
E5



E6



E7

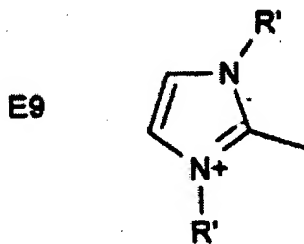


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

- and wherein said at least one thickening polymer is chosen from:

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

(ii)₆ - starches; and

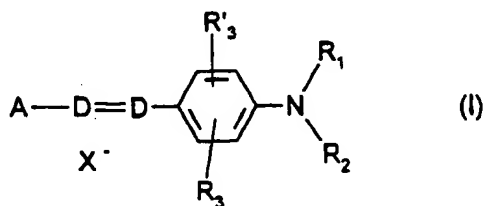
(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses; and

wherein said second composition comprises at least one oxidizing agent.

49. (Previously Presented) A process for dyeing keratin fibers, comprising
separately storing a first composition,
separately storing a second composition,
thereafter mixing said first and second compositions,
applying said mixture to said fibers, and
developing for a period of time sufficient to achieve a desired coloration,

wherein said first composition comprises at least one oxidation base, and at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

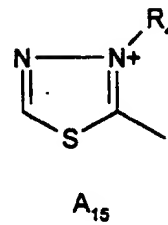
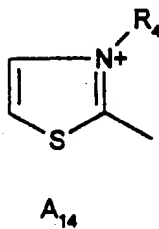
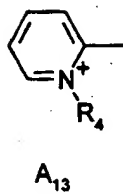
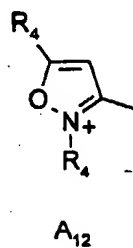
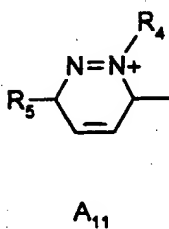
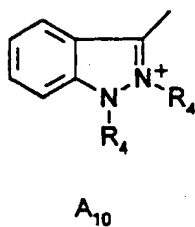
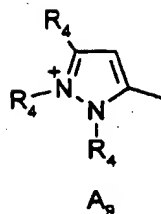
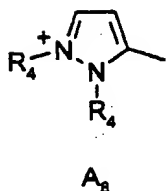
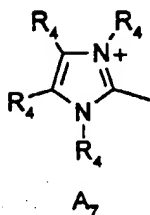
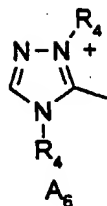
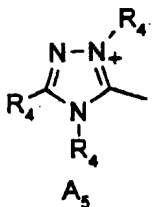
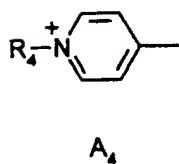
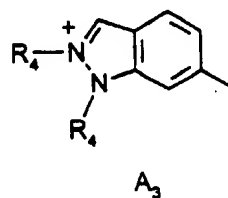
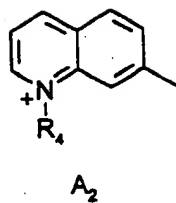
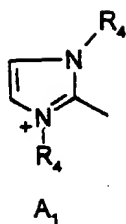
R_1 and R_2 , which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C_1 - C_4 alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and - NH_2 radicals; or

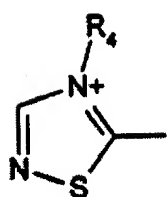
R_1 and R_2 form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C_1 - C_4 alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and acetyloxy radicals,

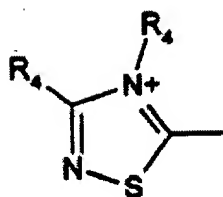
X^- is chosen from anions,

A is chosen from structures A_1 to A_{19} below:

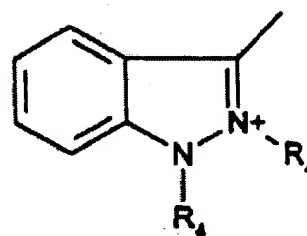




A₁₆

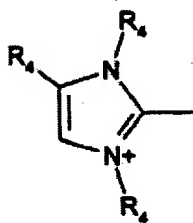


A₁₇



A₁₈

and



A₁₉

in which:

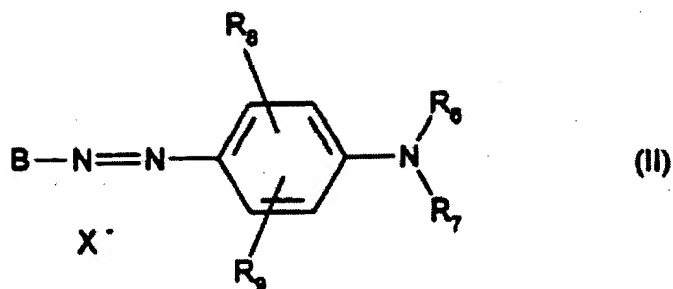
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

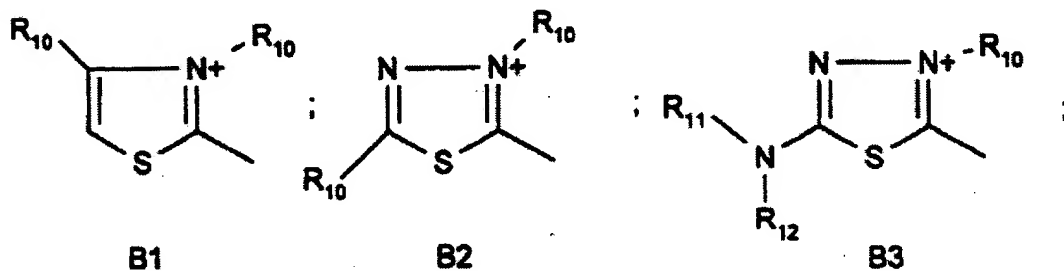
R₆ is chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

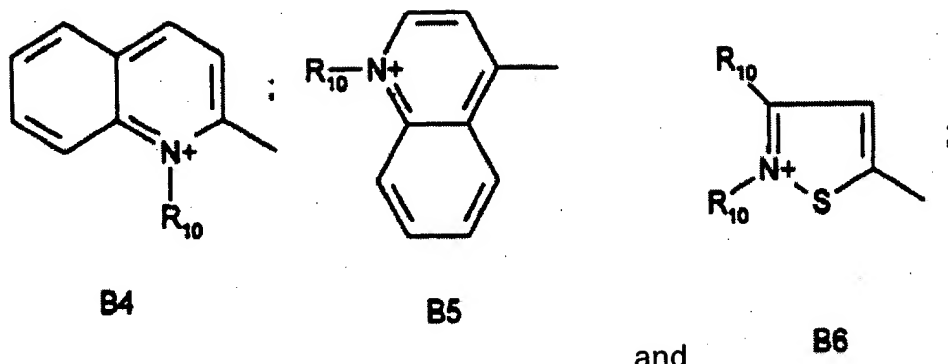
R₇ is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R₆, a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C₁-C₄ alkyl radicals,

R₈ and R₉, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C₁-C₄ alkyl radicals C₁-C₄ alkoxy radicals and a -CN radical,

X⁻ is chosen from anions,

B is chosen from structures B₁ to B₆ below:



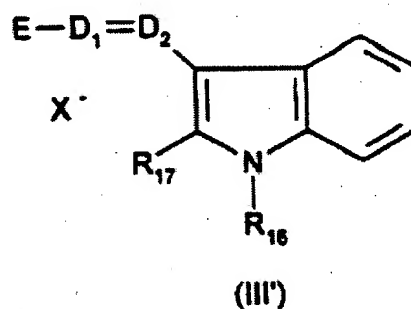
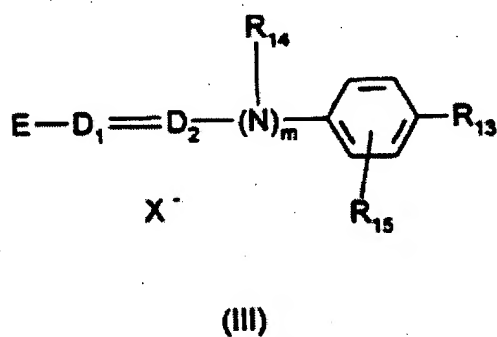


in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

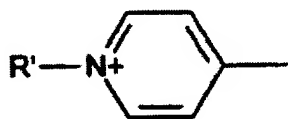
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

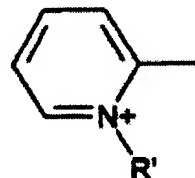
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

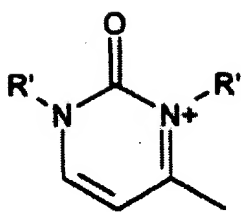
E is chosen from structures E₁ to E₈ below:



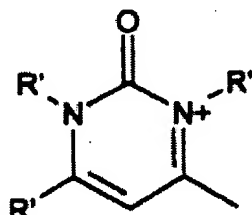
E1



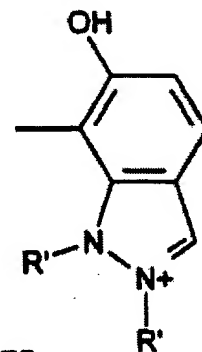
E2



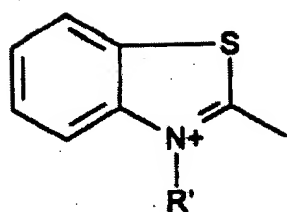
E3



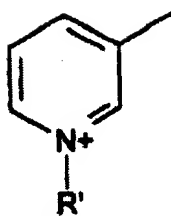
E4



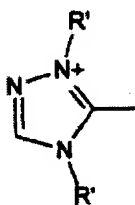
E5



E6



E7

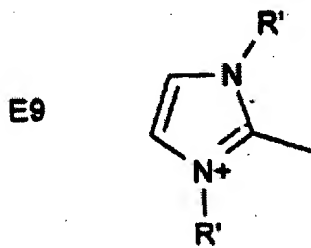


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

and

- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,

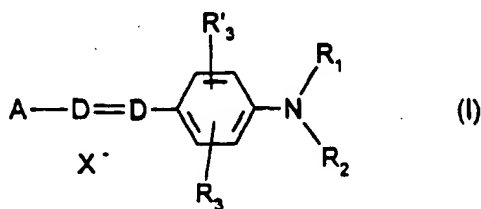
- wherein said at least one thickening polymer is chosen from:

- (ii)₁ - nonionic guar gums;
- (ii)₂ - biopolysaccharide gums of microbial origin;
- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses.

50. (Previously Presented) A process for dyeing keratin fibers, comprising
separately storing a first composition,
separately storing a second composition,
thereafter mixing said first and second compositions,
applying said mixture to said fibers, and
developing for a period of time sufficient to achieve a desired coloration,

- wherein said first composition comprises at least one cationic direct dye chosen
from compounds of formulae (I), (II), (III) and (III') below and at least one thickening
polymer:

(a) wherein said compounds of formula (I) are chosen from compounds of
formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

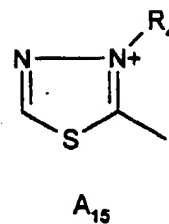
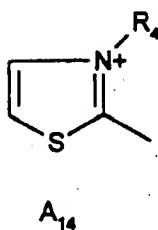
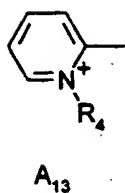
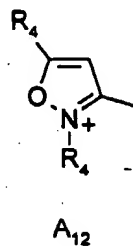
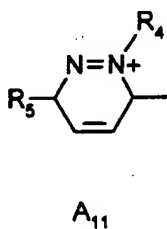
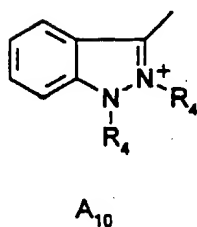
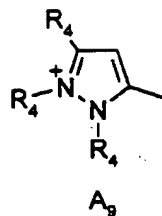
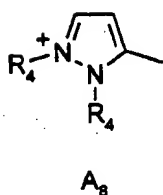
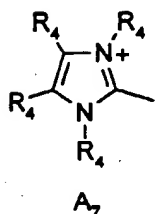
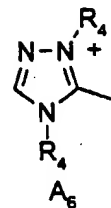
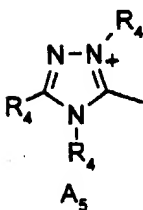
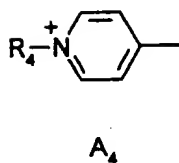
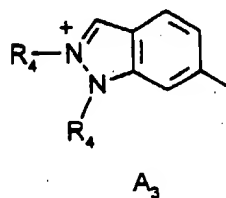
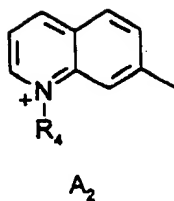
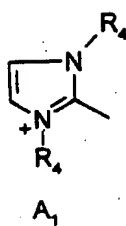
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

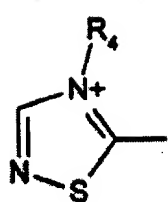
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acetyloxy radicals,

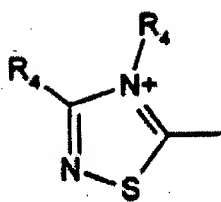
X⁻ is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:

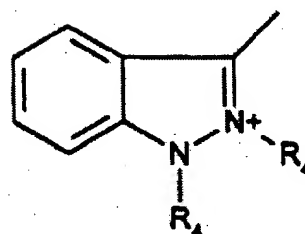




A₁₆

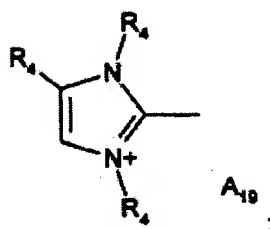


A₁₇



A₁₈

and



A₁₉

in which:

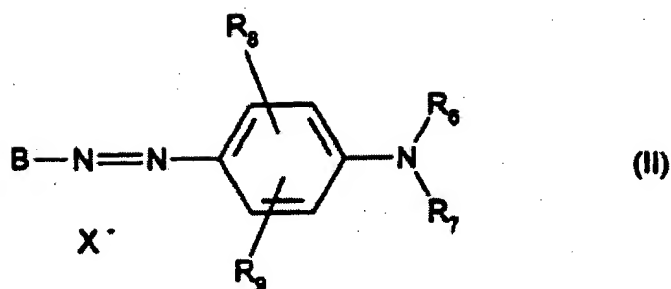
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

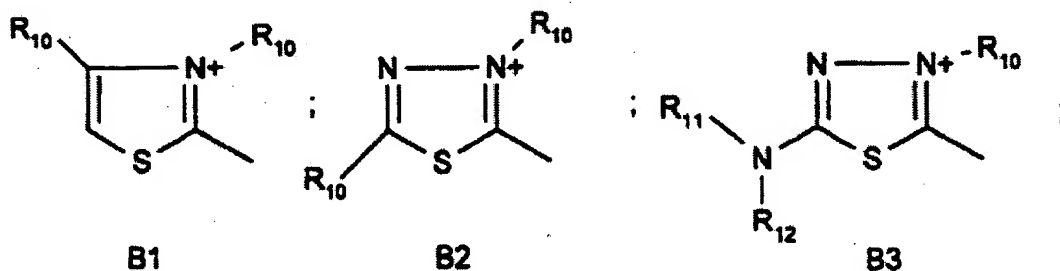
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

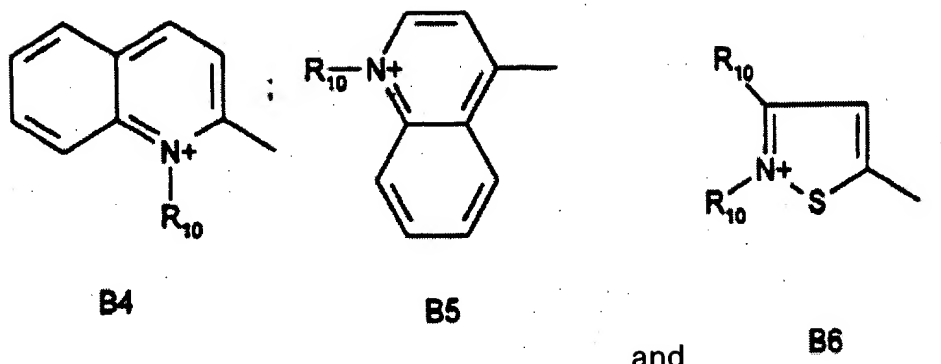
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a $-CN$ radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a $-CN$ radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:



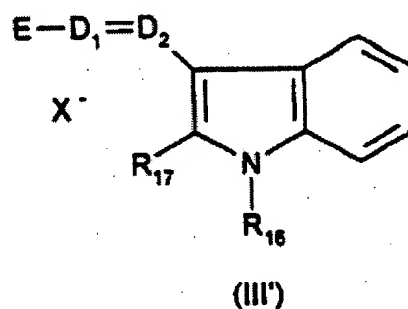
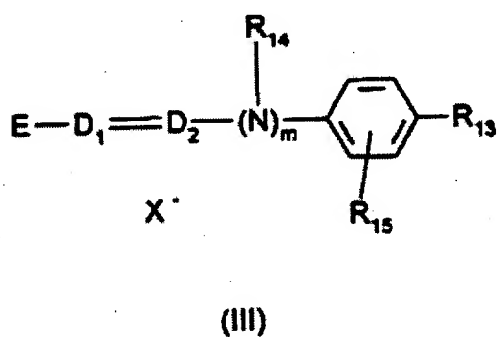


in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

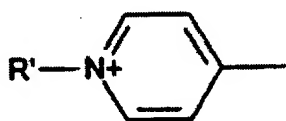
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

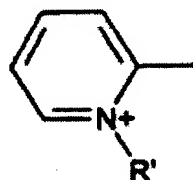
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

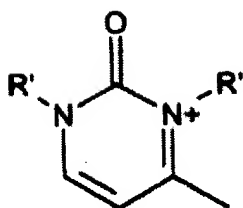
E is chosen from structures E₁ to E₈ below:



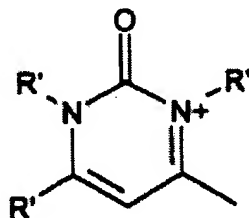
E1



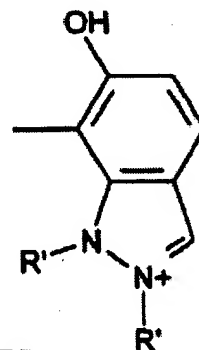
E2



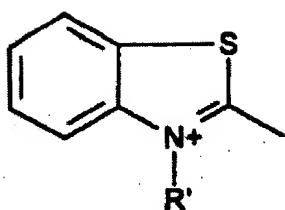
E3



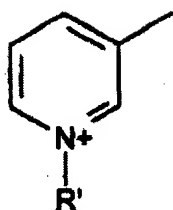
E4



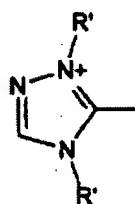
E5



E6



E7

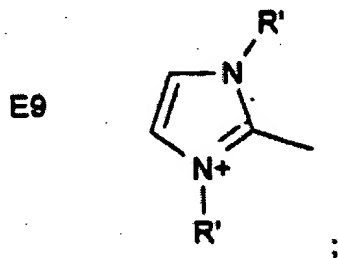


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

- wherein said at least one thickening polymer is chosen from:

(ii)₁ - nonionic guar gums;

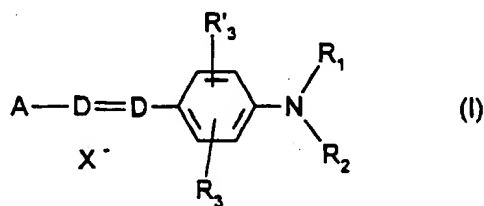
(ii)₂ - biopolysaccharide gums of microbial origin;

- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses; and
- wherein said second composition comprises at least one oxidizing agent.

51. (Previously Presented) A process for dyeing keratin fibers, comprising

- separately storing a first composition,
- separately storing a second composition,
- thereafter mixing said first and second compositions,
- applying said mixture to said fibers, and
- developing for a period of time sufficient to achieve a desired coloration,
- wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

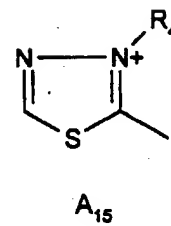
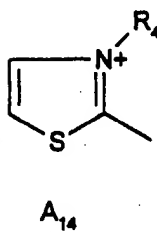
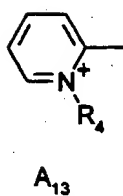
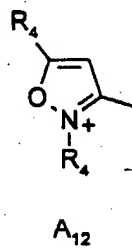
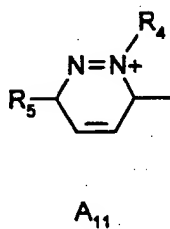
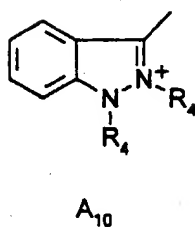
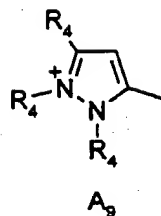
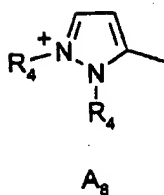
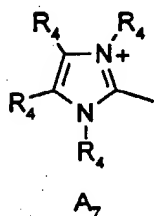
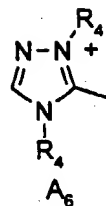
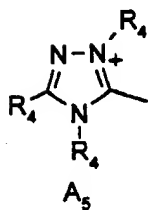
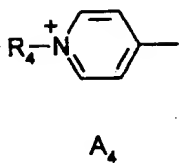
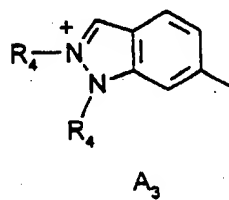
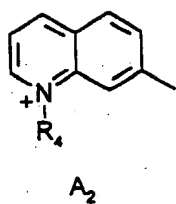
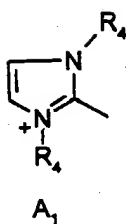
R_1 and R_2 , which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C_1 - C_4 alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and - NH_2 radicals; or

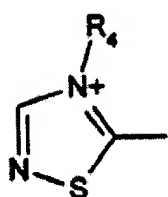
R_1 and R_2 form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C_1 - C_4 alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and acetyloxy radicals,

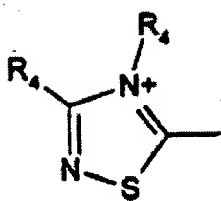
X^- is chosen from anions,

A is chosen from structures A_1 to A_{19} below:

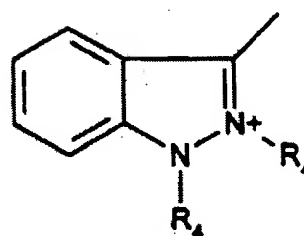




A₁₆

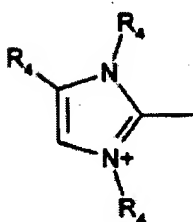


A₁₇



A₁₈

and



A₁₉

in which:

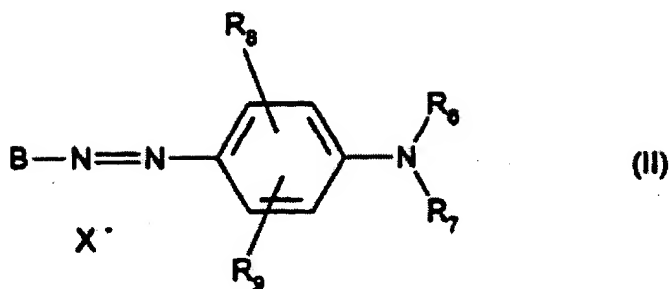
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

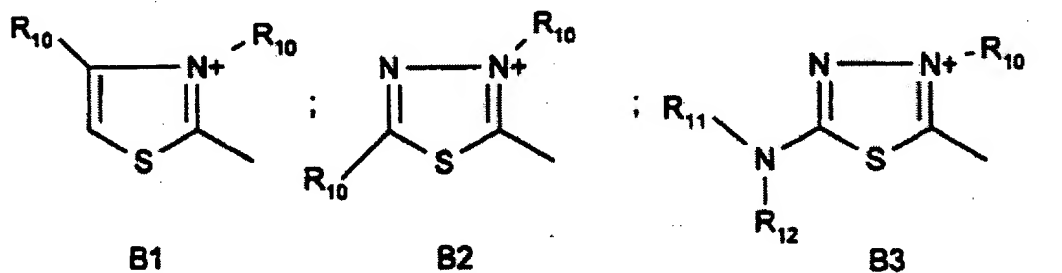
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

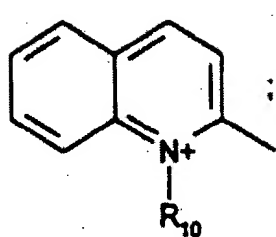
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

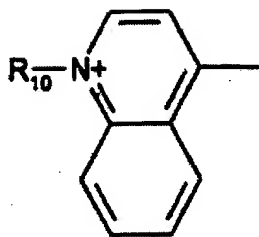
X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

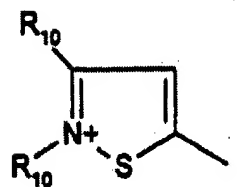




B4



B5



B6

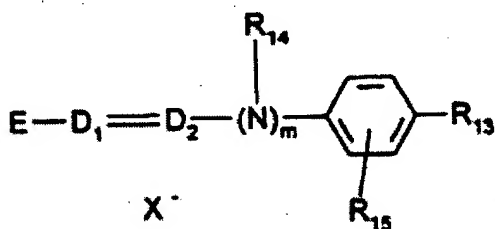
and

in which:

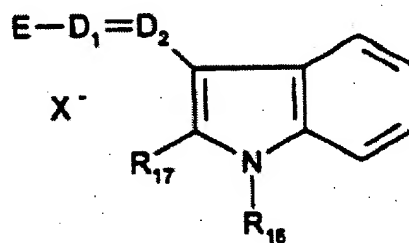
R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



(III)



(III')

in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

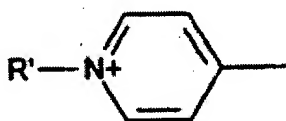
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

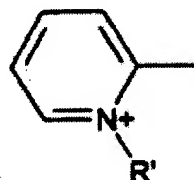
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

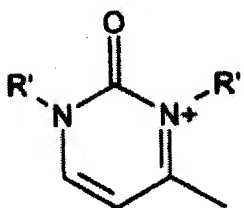
E is chosen from structures E₁ to E₈ below:



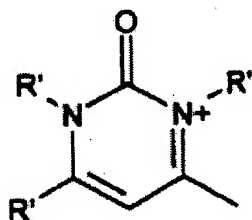
E1



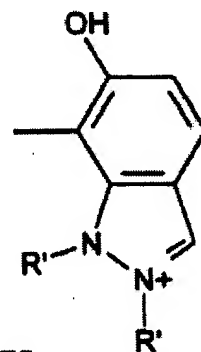
E2



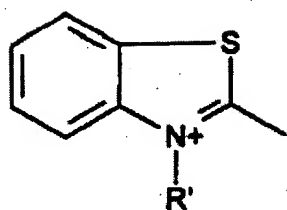
E3



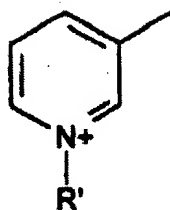
E4



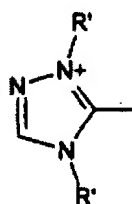
E5



E6



E7

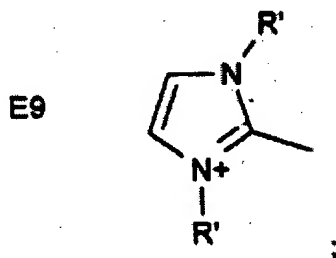


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

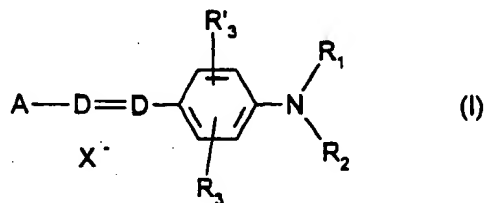
- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,
- wherein said at least one thickening polymer is chosen from:

- (ii)₁ - nonionic guar gums;
- (ii)₂ - biopolysaccharide gums of microbial origin;
- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses.

52. (Previously Presented) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

- wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, at least one thickening polymer and at least one oxidation base:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

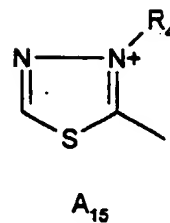
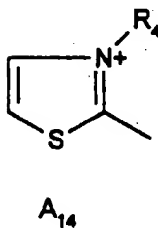
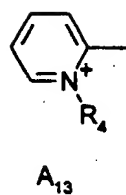
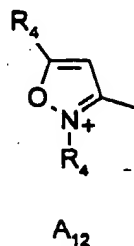
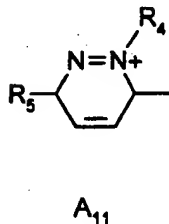
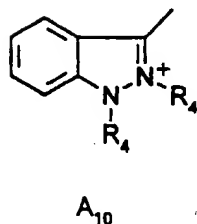
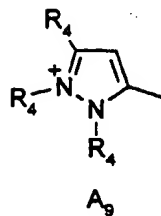
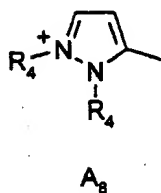
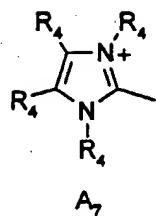
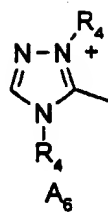
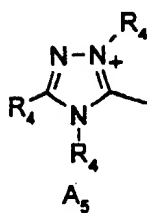
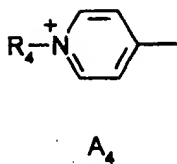
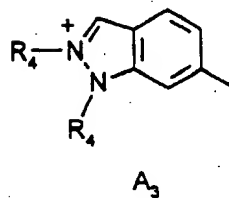
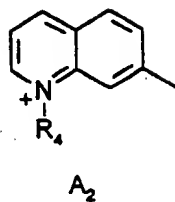
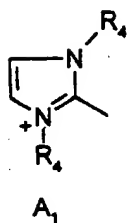
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom;

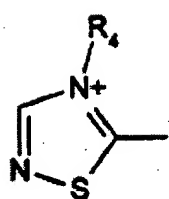
a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acetyloxy radicals,

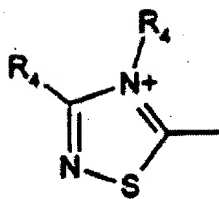
X⁻ is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:

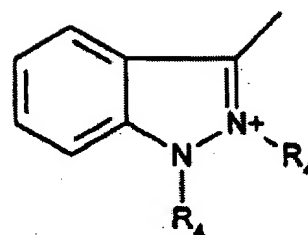




A₁₆

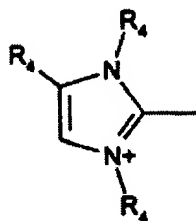


A₁₇



A₁₈

and



A₁₉

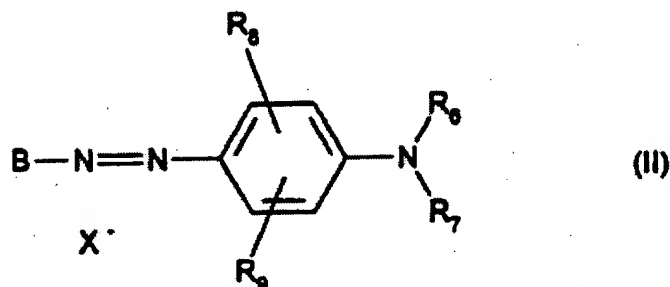
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

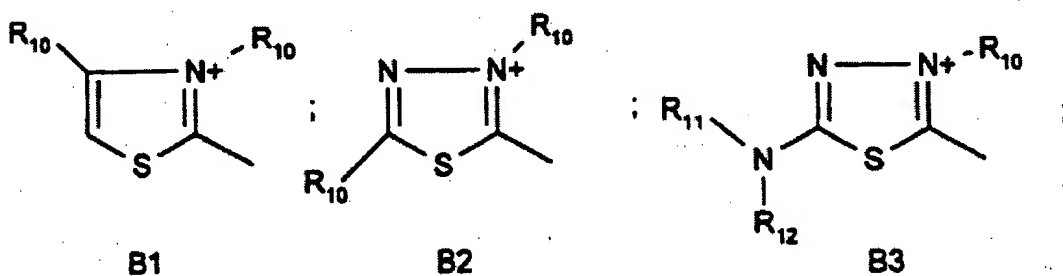
R₆ is chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

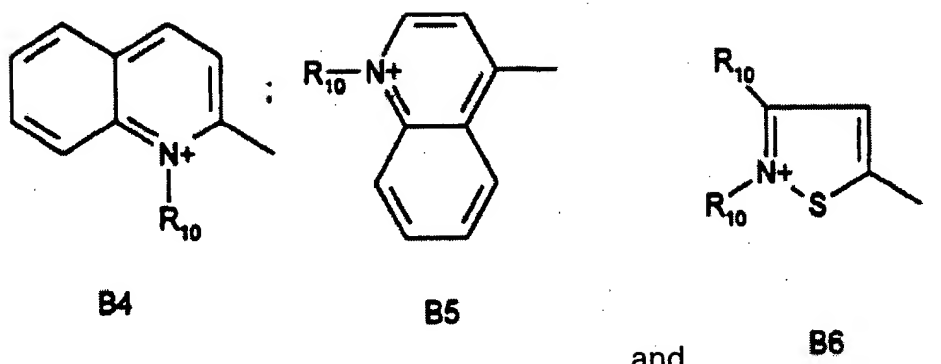
R₇ is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R₆, a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C₁-C₄ alkyl radicals,

R₈ and R₉, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C₁-C₄ alkyl radicals C₁-C₄ alkoxy radicals and a -CN radical,

X⁻ is chosen from anions,

B is chosen from structures B₁ to B₆ below:



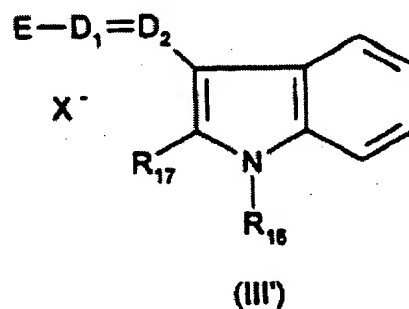
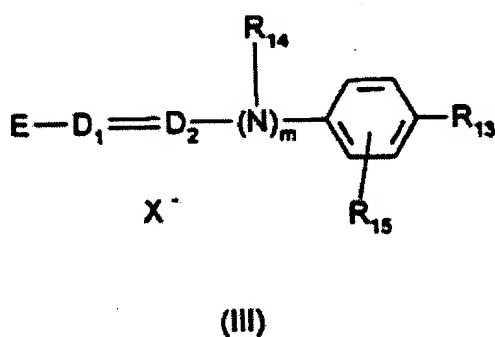


in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

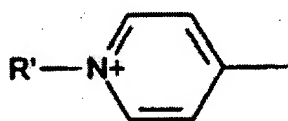
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

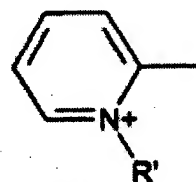
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

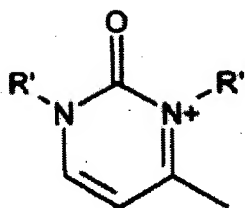
E is chosen from structures E₁ to E₈ below:



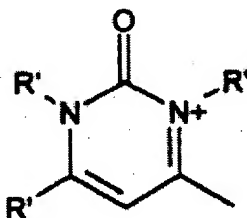
E1



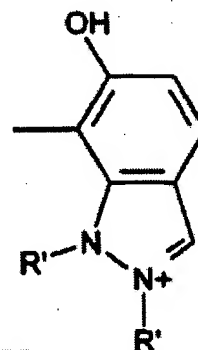
E2



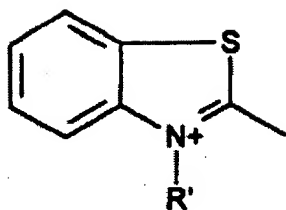
E3



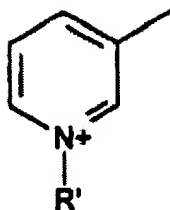
E4



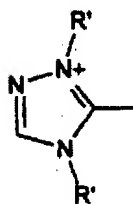
E5



E6



E7

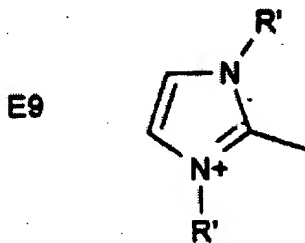


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

- wherein said at least one thickening polymer is chosen from:

(ii)₁ - nonionic guar gums;

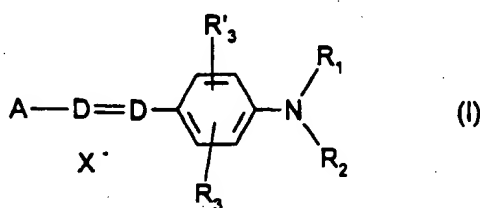
(ii)₂ - biopolysaccharide gums of microbial origin;

- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses; and
- wherein said second composition comprises at least one oxidizing agent.

53. (Previously Presented) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

- wherein said first composition comprises at least one oxidation base and at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

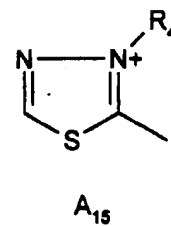
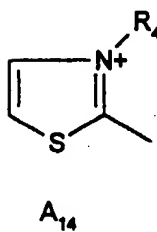
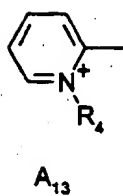
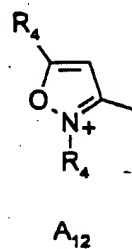
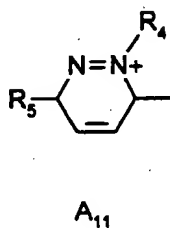
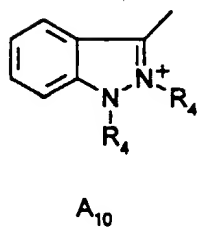
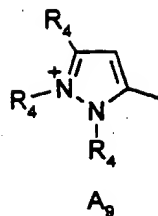
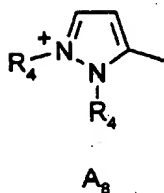
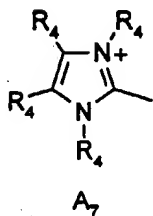
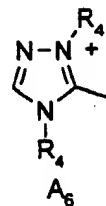
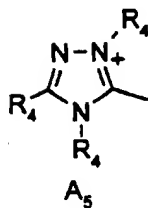
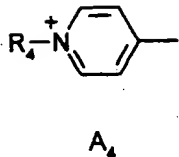
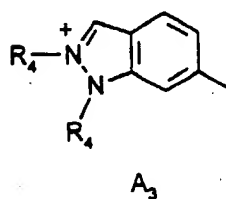
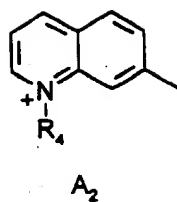
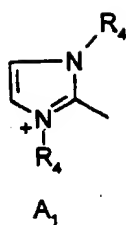
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

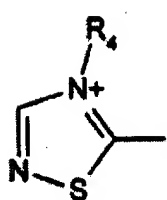
R_1 and R_2 form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C_1 - C_4 alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and acetyloxy radicals,

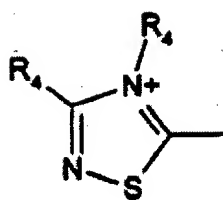
X^- is chosen from anions,

A is chosen from structures A_1 to A_{19} below:

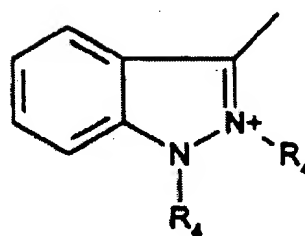




A₁₆

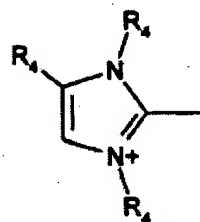


A₁₇



A₁₈

and



A₁₉

in which:

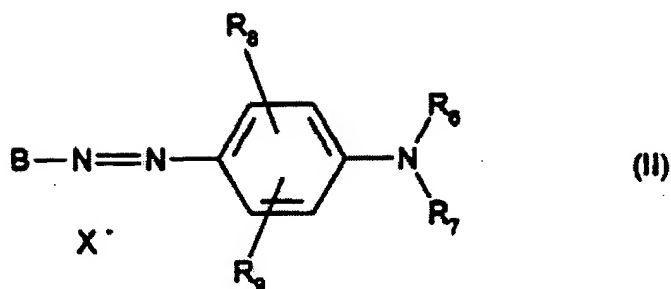
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

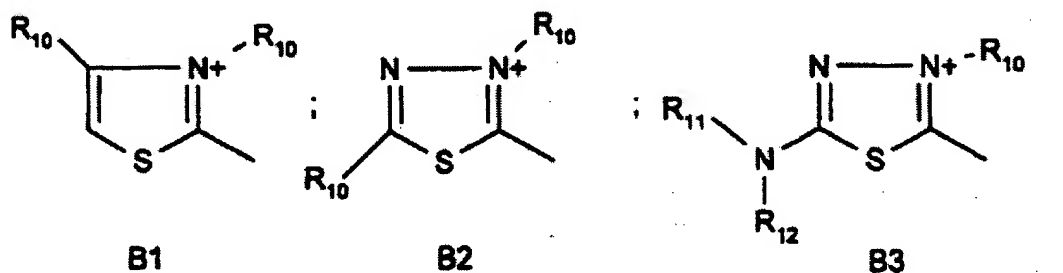
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

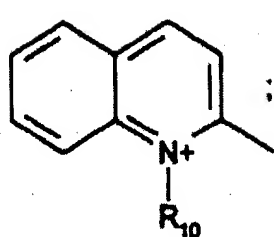
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

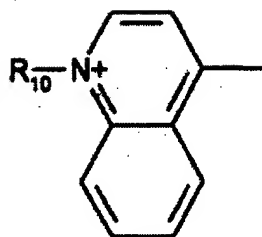
X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

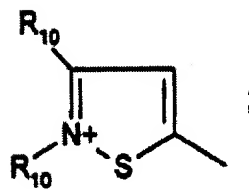




B4



B5



B6

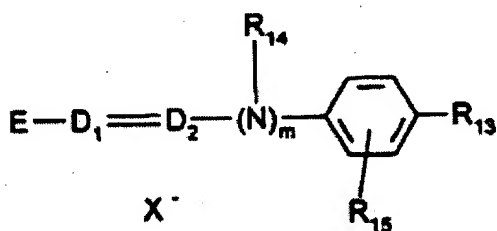
and

in which:

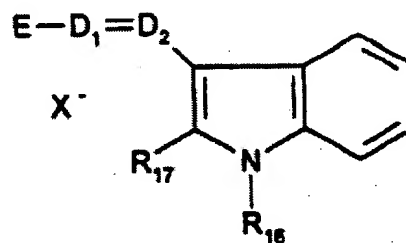
R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



(III)



(III')

in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

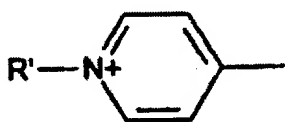
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

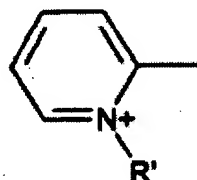
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

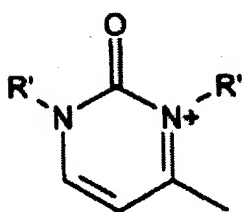
E is chosen from structures E₁ to E₈ below:



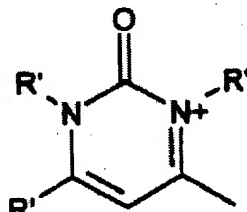
E1



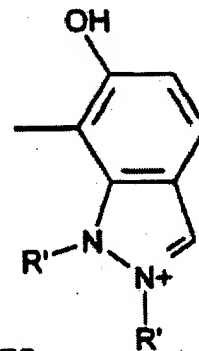
E2



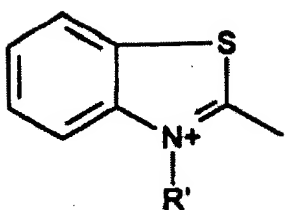
E3



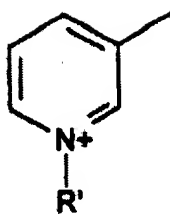
E4



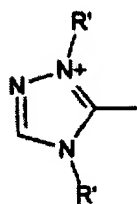
E5



E6



E7

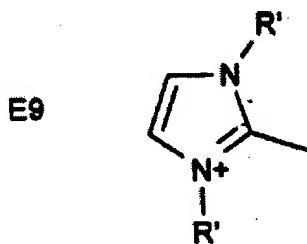


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

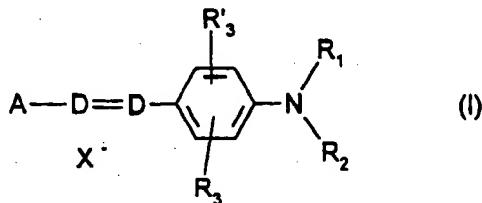
- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,
- wherein said at least one thickening polymer is chosen from:

- (ii)₁ - nonionic guar gums;
- (ii)₂ - biopolysaccharide gums of microbial origin;
- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses.

54. (Previously Presented) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

- wherein said first composition comprises at least one thickening polymer and at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom;

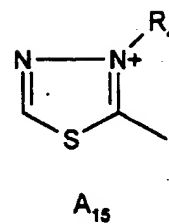
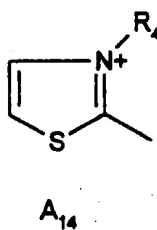
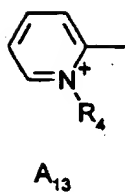
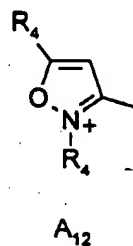
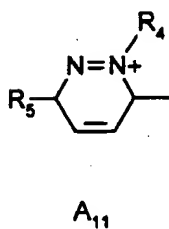
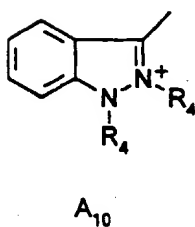
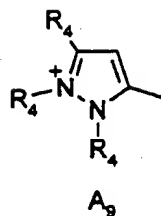
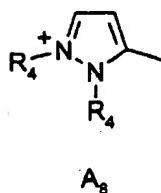
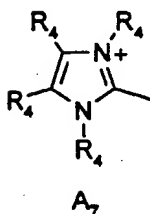
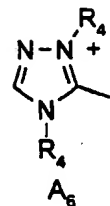
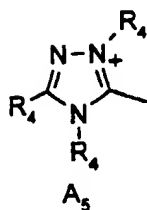
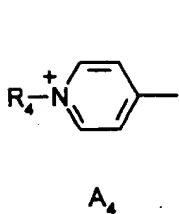
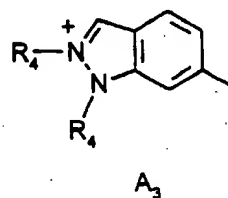
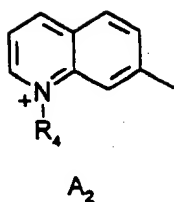
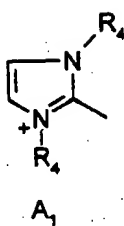
a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

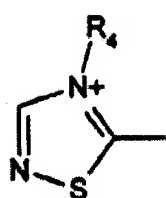
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acetyloxy radicals,

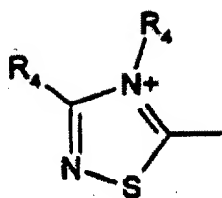
X⁻ is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:

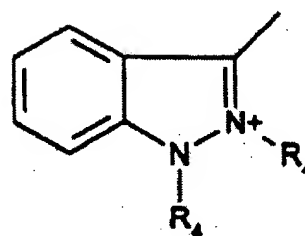




A₁₆

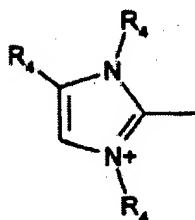


A₁₇



A₁₈

and



A₁₉

in which:

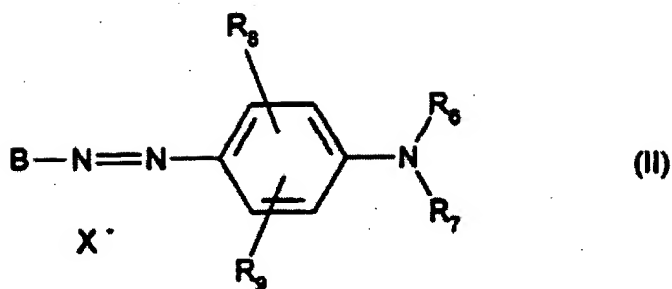
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

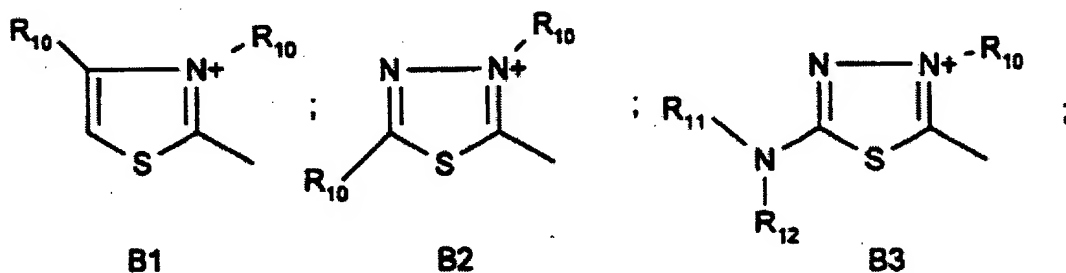
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

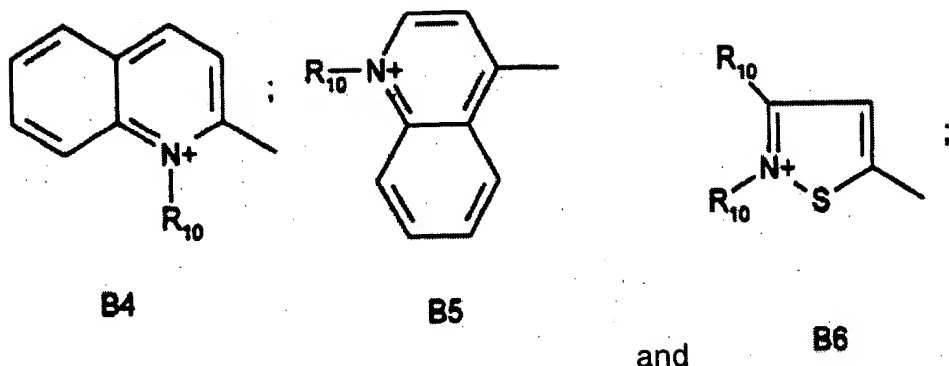
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a $-CN$ radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a $-CN$ radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:



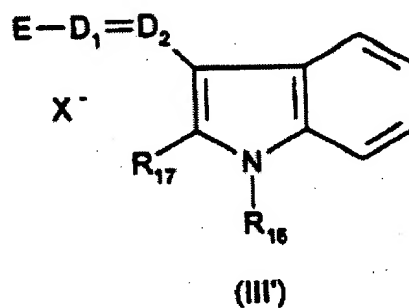
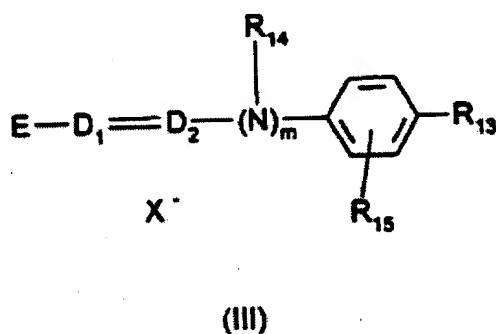


in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon

atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

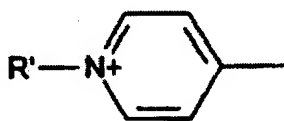
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

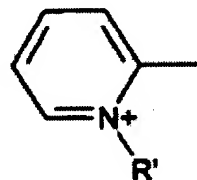
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

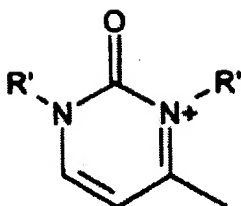
E is chosen from structures E₁ to E₈ below:



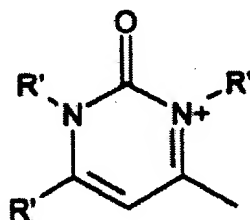
E1



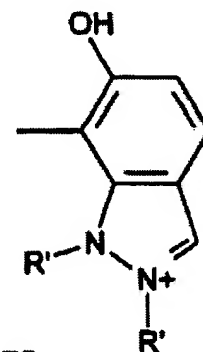
E2



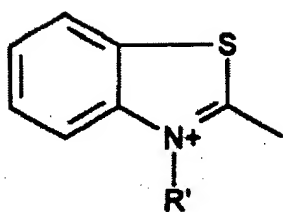
E3



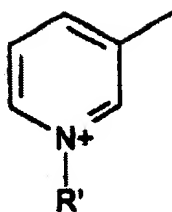
E4



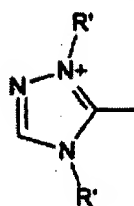
E5



E6



E7

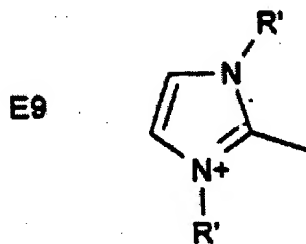


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

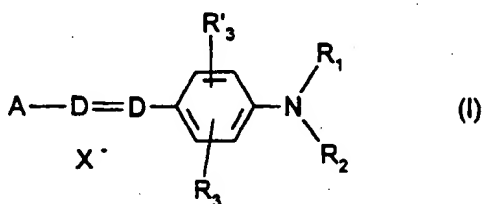
- wherein said at least one thickening polymer is chosen from:
 - (ii)₁ - nonionic guar gums;
 - (ii)₂ - biopolysaccharide gums of microbial origin;

- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;
- (ii)₆ - starches; and
- (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses; and
- wherein said second composition comprises at least one oxidizing agent.

55. (Previously Presented) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

- wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

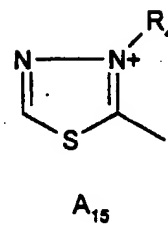
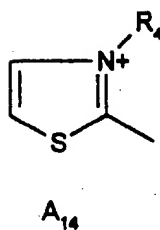
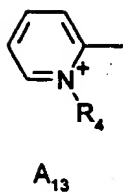
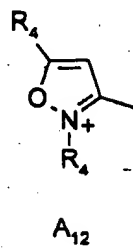
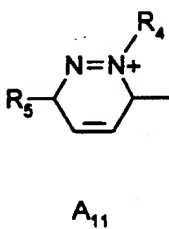
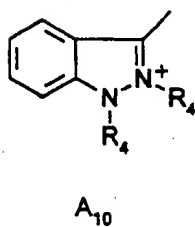
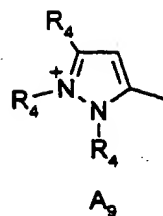
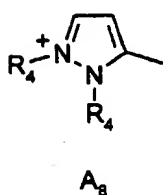
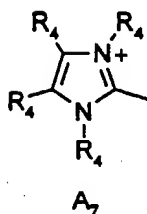
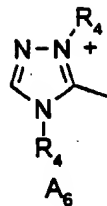
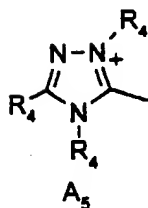
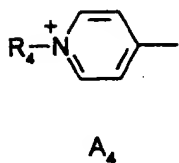
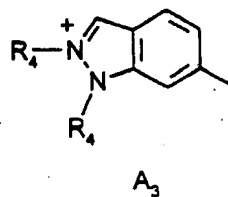
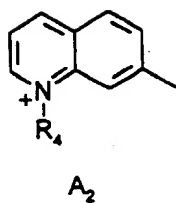
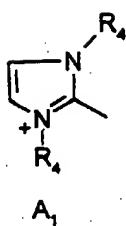
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

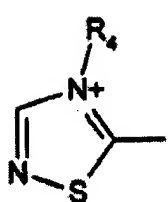
R_1 and R_2 form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C_1 - C_4 alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and acetyloxy radicals,

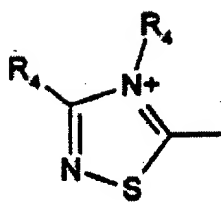
X^- is chosen from anions,

A is chosen from structures A_1 to A_{19} below:

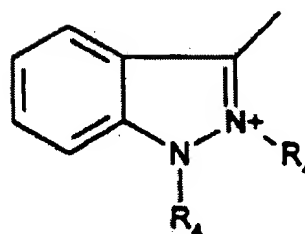




A₁₆

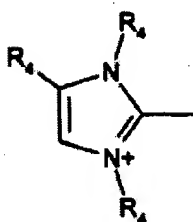


A₁₇



A₁₈

and



A₁₉

in which:

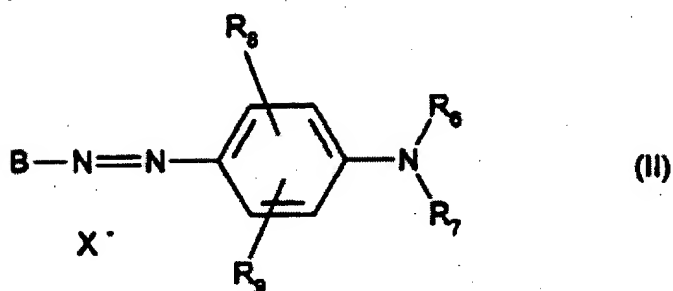
R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of

formula:



in which:

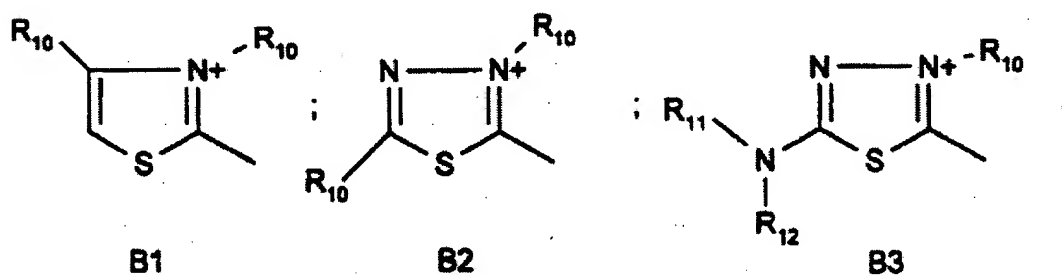
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

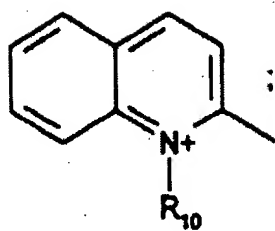
R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

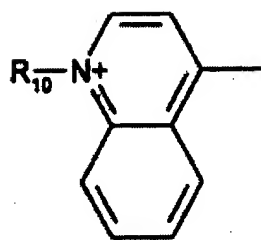
X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

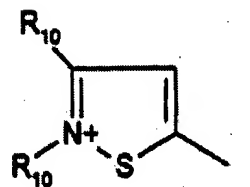




B4



B5



B6

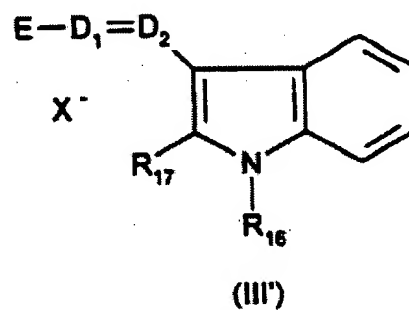
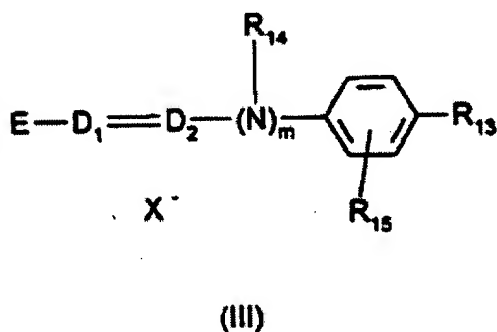
and

in which:

R_{10} is chosen from C_1 - C_4 alkyl radicals, and

R_{11} and R_{12} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in

which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C_1 - C_4 alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen

atom and C₁-C₄ alkyl radicals,

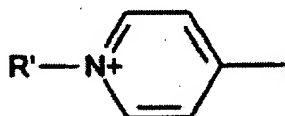
D₁ and D₂, which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

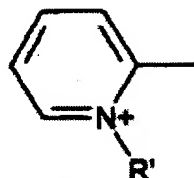
wherein when R₁₃ is an unsubstituted amino group, D₁ and D₂ are both a -CH group and m is 0,

X⁻ is chosen from anions,

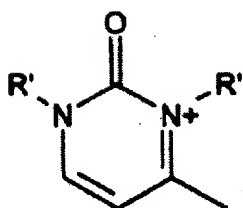
E is chosen from structures E₁ to E₈ below:



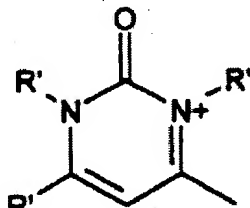
E1



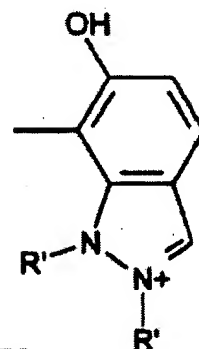
E2



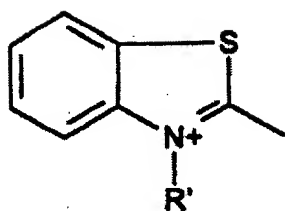
E3



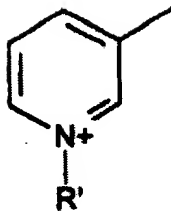
E4



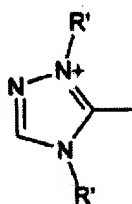
E5



E6



E7

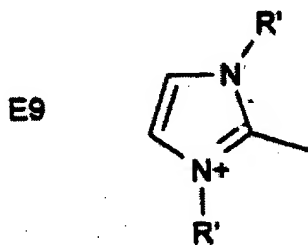


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,

- wherein said at least one thickening polymer is chosen from:
 - (ii)₁ - nonionic guar gums;
 - (ii)₂ - biopolysaccharide gums of microbial origin;
 - (ii)₃ - gums derived from plant exudates;
 - (ii)₄ - pectins;
 - (ii)₅ - alginates;
 - (ii)₆ - starches; and
 - (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses.